



QCWA NEWS

WINTER, 1978

VOLUME 27

No. 4

The Quarter Century Wireless
1409 Cooper Drive
Irving, Texas 75061



FORWARDING POSTAGE GUARANTEED

PRINTED MATTER

The 1978 QCWA Annual Convention, Held at San Diego, California, September 21--22, was a truly fine meeting, enjoyed by many who were lucky enough to be able to attend. The San Diego Chapter had planned well, and facilities were adequate and enjoyment was evident as old friends met and visited.

On behalf of QCWA Members, Officers and the Board, a resounding thank you to those of the San Diego Chapter who worked so long and so well. Please invite us back!

QCWA INTERNATIONAL RADIO NETWORKS

Sundays:

2000 UTC, 21,445 kHz

NCS

W2SF, W6FQ, W2CVF

Warm-up, W6IL, W2AIM
W4BK

at 1930 UTC.

Wednesdays:

8:00PM EST 7,035 kHz

9:00PM EST 3,750 kHz

NCS

W2JBL, W9RC, W9CV



THIS PICTURE (ABOVE) WAS TAKEN OF THE OFFICERS AND BOARD OF DIRECTORS, AT SAN DIEGO, SEPTEMBER 22, 1978. L-R, Standing; Clarence Seid, W2KW; Art Miligan, W8KW; Art Monsees, W4BK; Ted Heithecker, W5EJ; Hal Sears, W5NC; Harry Gartsman, W6ATC. Those sitting, L-R; Leo Meyerson, WØGFQ; Ethel Smith, K4LMB; and Gus Gironda, W2JE.

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the coolest antenna in town gives you the hottest performance!

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Take any antenna other than a Larsen . . . one with a regular unplated stainless steel whip. Apply a good husky signal to it . . . 100 watts, for, say, a full minute. Then, power off, feel the antenna. Careful! Burn blisters aren't pleasant.

Next . . . try a Larsen Kūlrod Antenna. Put it to the same test.

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That's our story. Heat means power . . . power not radiated. With the Larsen Kūlrod, power goes into communicating instead of heating the antenna. That's why **you can HEAR the difference.**

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QCWA NEWS

JOURNAL OF

THE QUARTER CENTURY WIRELESS ASSOCIATION

Volume 27, Number 4

December, 1978

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COMPLETE RETURNS ON RESTRUCTURING BALLOTS

AND MUCH, MUCH MORE!

QUARTER CENTURY WIRELESS ASSOCIATION

OFFICERS

Harry S. Gartsman, W6ATC	President
H. A. (Hal) Sears, W5NC	Vice President
Ethel Smith, K4LMB	Secretary
Art Monsees, W4BK	Treasurer

DIRECTORS

Gus Girona, W2JE
Henry Harley, VE3BR
Leo Meyerson, W0GFQ
Art Miligan, W8KW
Clarence Seid, W2KW

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QUARTER CENTURY WIRELESS ASSOCIATION was founded December 5, 1947, and is incorporated in the State of New York, as a non-profit Organization.

Permission to reprint is granted, credit QCWA & authors, where identified.

PRESIDENT'S LETTER



The Holiday Season is almost upon us, as I write this, early in December. Weather reports at this time indicate that this may be another cold and blustery winter. As the year draws to a close, it seems a time to count our blessings, and to give sincere thanks for fellowship - the main ingredient of QCWA -- outgoing expressions of good will that are the hallmark of Amateur Radio and our special QCWA.

The Year 1978 saw many changes in QCWA. After a long wait, restructuring amendments to the QCWA Constitution were submitted to membership. Never again will it be necessary for members to feel the Board unresponsive. For the very first time open Board meetings, and most recently, the nominating Committee chosen to represent all sections of the Country, and not under domination of the Board... We have not yet reached Utopia, but, in many ways we are growing up, facing realities, and doing as much as possible to make QCWA something that you can be proud to be a part of!

I am proud to have been associated with one of the finest groups of men and women anywhere. The past year and a half have been busy ones for each of us...and it promises to be even more difficult to find the time required to continue the work we have begun...but, It will be done. The pleasure we have derived from our association with members across the world cannot be surpassed in any other organization--and our contribution to human welfare and understanding has been considerable. It will be even more so in the years to come. The German Chapter now has more than 50 active member QCWA'ers and is growing by leaps and bounds. In closing - a moment in remembrance of old friends no longer with us - May God Bless you!

W6ATC

QCWA STAFF

Ted Heithecker, W5EJ	General Manager
Rollie Terrill, W5RC	Assistant General Manager
M. W. McRae, W9RC	Activities Manager
J. R. Neelands, W6DLL	Books and Publications
Lee Knirko, W9MOL	Advertising Manager
Ellsworth Weinberg, N5EW	Legal Advisor
Cindy Jones, W5ZPD	YL's Viewpoints
Rick Albury, W5SOQ	Computer Consultant

PAST PRESIDENTS

John DiBlasi, W2FX, President Emeritus	1947-1964
Earl R. Thomas, * W2MM	1964-1968
Clarence Seid, W2KW	1968-1971
Barry Goldwater, K7UGA	1971-1973
Frank A. Gunther, W2ALS	1973-1977

EXECUTIVE SECRETARY - EMERITUS

Ralph G. Barber, W2ZM*	1955-1964
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HONORARY MEMBERS

George E. Sterling	Peaks Island, Maine
Richard E. Wiley	Arlington, Virginia
Rosel H. Hyde	Washington, D.C.
Col. W. J. Baird	Alexandria, Virginia
Robert E. Lee	Washington, D.C.

QCWA San Diego 1978



David Talley, W2PF, with
Harry Gartsman, W6ATC
President of QCWA



Roy Bean, W5AEJ, With
his Bride, Marvel
Honeymooning in San Diego



At right - Ray Meyers, W6MLZ,
President of OOTC, and,
Antonio Cruz-Urbe, XE1BT



A pair to draw to
Herb Gleed, W6FQ, Ralph Cabanillas, W6IL

Below, L-R, AROUND THE CLOCK...Fred Hinds, W9WR,
Ethel Smith, K4LMB; Harry Gartsman, W6ATC; Art
Miligan, W8KW; Ted Heithecker, W5EJ and Arthur
Monsees, W4BK, Treasurer for QCWA.



The QCWA National Convention for 1978, held in San Deigo, September 21 and 22 turned out to be a really fine and enjoyable affair...made so as a result of the work of the San Diego Chapter. Those fellows worked hard to make the arrangements for several hundred QCWA'ers to meet, visit and transact business. The Town and Country complex was plenty large enough for two or three conventions to be operating simultaneously.

As is usually the case, the meeting of old friends, the chance to sit and recall other days as well as taking part in all of the activities, makes QCWA conventions a pure joy.

The Board of Directors transacted a good deal of business, a report of which appears elsewhere in this Journal. At the open membership meeting, a number of awards were made by President H. S. Gartsman, W6ATC. Members participated in discussion on a number of matters, and a question and answer session was held by W5EJ on QCWA operations. Treasurer Art Monsees presented a bit of information on the financial affairs of QCWA. Ethel Smith, K4LMB, presented minutes of the last meeting of the Board.

Already the Chicago Area Chapter has brought many of its plans for the 1979 Convention well in focus, and the members of the Committee were well represented at San Diego getting ideas! For all QCWA Members, The Board and Officers, may we extend our thanks to the San Diego Chapter... It was a memorable and enjoyable convention...we hope you'll ask us back!

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INTERNATIONAL OCWA

we LOVE YOU!

Lord, when we are wrong, make us willing to change and, when we are right, make us easy to live with.

Peter Marshall

QCWA President, Harry Gartsman, W6ATC visited with one of our QCWA members in Japan, Yowan Takao, JALVZ. Harry was in Tokyo earlier this year during which time this picture was snapped..



W5EJ

The contribution of each of us, in our own way can make QCWA a force to be reckoned with...shaping the way to a World Fellowship...giving of our abundance of experience to efforts of those governing the course of Amateur Radio...giving of our prestige, by endorsement, to those on the firing line...get involved, be heard, become a part of the team...even if you can only hit a foul tip, please do. That could, and often does, make all the difference.

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22ND ANNUAL QCWA QSO PARTY

Another Year, Another Tax Increase...and, it's time for the 22nd Annual QCWA QSO party. Plans for the Party were drawn in October with efforts to make everything right and interesting being made by QCWA Activities Manager, Mc McRae, W9RC and Art DeVinney, W2RRY, Party Chairman for the Long Island Chapter's Committee. To increase interest, and in compliance with requests sent in by members of the German and Australian Chapters, and other foreign members at large, we've set up a new game...two contests...one for CW and one for Phone. A separate plaque will be awarded to the high-scorer in each category. There are added incentive multipliers for foreign members set to give them a chance to get a good score. We hope your enjoyment is fullsome, and that it results in a good score!

The QSO PARTY was first begun in the Northwest by Stan, W7AYO, helped by Doc, W7OS and Charles, W7ER. It has become internationally known, with participants located across the continents.

As mentioned, this year the Long Island Chapter of QCWA is sponsoring the event, and will be in charge of judging all logs. Contrary to the rules used in 1977, some added changes are included. Since multipliers, in general, depend on the total number of Chapters contacted, we have included a new and complete list of all QCWA Chapters, showing their Official Chapter Number... You may use the Chapter Number to identify your Chapter in the exchanges, if you desire. Altho it is not germane to the Party, we have included the state in the logging...this has been done so that members may qualify for the "worked 100 Certificate." If you are not interested, state name can be omitted in your log. PLEASE NOTE -- THERE ARE TWO QSO PARTIES THIS YEAR!!!!!! ONE FOR CW CONTESTANTS ONLY...THE OTHER ON A DIFFERENT DATE, FOR PHONE CONTESTANTS ONLY!!!!!!!!!!!!!!

THE 22ND ANNUAL QCWA PARTY FOR CW WILL BE HELD THIS YEAR ON THE

10th & 11th of February, 1979

The CW Party will begin at 0001 GMT, SATURDAY, February 10, 1979 and will end at 2400 GMT...on February 11, 1979. Now's the time to get your key oiled up and your fist limbered up!

THE 22ND ANNUAL QCWA PARTY FOR SSB WILL BE HELD THIS YEAR ON THE

10th & 11th of March, 1979

The SSB Party will begin at 0001 GMT, SATURDAY, March 10, 1979 and will end at 2400 GMT.... on February 11, 1979. Break out the lozenges gang!

OFFICIAL RULES

Contacts

Contacts with the same station on more than one band can be scored only once..

For scoring handicap, three global areas have been designated as follows:

AREA I...embraces the 48 contiguous United States, all provinces of Canada except Yukon and Northwest Territories, Mexico, Puerto Rico, Virgin Islands, Bermuda, the Bahamas and the West Indies.

AREA II...is comprised of Central America, Hawaii, Alaska, Yukon, the Northwest territories and all U. S. Islands in the Pacific.

AREA III...Consists of all other areas of the world not included in AREA I & II.

Each contact between QCWA members will be scored as follows: (both parties in any contact receive the same number of points)

- (a) Area I to Area I = 1 point
- (b) Area I to Area II = 2 points
- (c) Area I to Area III = 5 points
- (d) Area II to Area II = 2 points
- (e) Area II to Area III = 5 points
- (f) Area III to Area III = 5 points

Multiplier

The total point score computed by the above rules will be multiplied by the number of QCWA Chapters contacted.

Frequencies

Any authorized Amateur frequency is permissible. The following suggested frequencies have been selected to minimize interference to others:

FOR CW 3530 - 3550 kHz
 7030 - 7050
 14030 - 14050
 21050 - 21070
 28050 - 28070

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FOR SSB 3900 - 3920
 7230 - 7250
 14280 - 14300
 21350 - 21370
 28800 - 28820
 146.55 MHz

Exchanges

A valid QSO must contain the following minimum information exchanged between both parties.

- (a) QSO Number
- (b) Operator's name
- (c) Operator's QCWA membership number
- (d) Chapter identification (Official Number or Name)

Members not affiliated with a Chapter may use "AL" to so identify.

Logs

To make the judges work easier, a sample log is included. You may xerox and use it, and such procedure is recommended. It is the responsibility of each contestant to provide a legible log, and to list all claimed contacts, points and multipliers. He must calculate his own claimed score. Log sheets will not be returned.

Each log sheet must be completely filled out, with name, address and all other spaces filled in.

In the event you are unable to calculate your score, do all that you can, the judges will complete the computation!

Send your logs no later than March 31, 1979 to:

Long Island QCWA
P. O. Box 93
East Rockaway, N. Y. 11518

Separate log and scores must be submitted for the CW and SSB contests.

Logs must be postmarked no later than March 31, 1979.

The following information should be entered in your log for each contest:

Time (GMT)	Name
Your QSO No.	His QCWA No.
Call	Chapter (designation)
His QSO No.	Points earned
Multiplier (1 for each new Chapter)	

As old-timers, it should be our desire to establish a record for courteous treatment for all amateurs. Use good operating procedures, give the other guy a break and enjoy the Party!

The decision of the Long Island Chapter of QCWA will be final with respect to scores and rules. In the event of errors or a disagreement, keep all details off the air, write either to LIQCWA or to Headquarters.

LONG ISLAND CHAPTER - QUARTER CENTURY WIRELESS ASSOCIATION, INC.

The Long Island Chapter, sponsors of the 1979 QSO PARTIES has selected a slate of candidates for Officers to serve during 1979. The election is to be held at the December 1, 1978 meeting scheduled for the Coral House, Baldwin, L. I., NY. Members have been requested to be prepared to make nominations from the floor.

The meeting was to feature Harry Dannals, W2HD, President of ARRL, speaking on the WARC-79 Preparations, and of the part each of us can have in bringing the event to a successful conclusion. Harry's appearance at the December meeting of the Chapter has become a tradition.

Those would would like to check into the LIQCWA on-the-air radio nets are invited to do so. The net meets Sundays at 11:30AM, local time, on 3917 kHz. Milt Schwartz, W2SF is net control...and believe us, he's had plenty of experience to see that the jobs done right!

The Chapter wants to urge all QCWA members to get into the QSO Parties, work like the dickens, and be certain to file your log, even if you make just one contact...your name will appear in the final counting, and your help is really needed....Let's all get in gang, and make 'em holler "nuff." Ed.

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Sheet No.

Address _____

Chapter Affiliation _____

[illegible]

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JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

OFFICIAL LIST OF CHAPTERS AND DATE OF AFFILIATION

QCWA NEWS for December, 1977, Volume 26, No. 3, listed the QCWA Chapters affiliated with the National organization throughout the existence of QCWA. Each Year, the list is published to bring up to date the Chapter listings. The lists previously published in 1976 and 1977 have been slightly changed, from time to time, as Chapters indicate a mistake has occurred. Six new Chapters have been added since last December.

One of the prime reasons for the annual listing is to provide easy identification of the Chapters when making contacts in the Annual QCWA QSO PARTY.

1. Cleveland Chapter	Jan 6, 1951	56. Wichita Mountain Chapter	Oct 13, 1971
2. Chicago Area Chapter	Jun 13, 1954	57. Carolinas Chapter	Oct 30, 1971
3. Boston/Providence Chapter	Nov 1, 1955	58. Colorado Chapter	Nov 11, 1971
4. Northwest Chapter	Apr 16, 1956	59. Central Illinois Chapter	Apr 19, 1972
5. Delaware Valley Chapter	Sep 12, 1956	60. Eastern Tennessee Chapter	Aug 9, 1972
6. Pittsburgh Chapter	Jan 8, 1957	61. Detroit Chapter	Sep 19, 1972
7. Southern California Chapter	Jan 15, 1957	62. Suwannee Chapter	Sep 28, 1972
8. Upper Midwest Chapter	Sep 30, 1957	63. Central Oklahoma Chapter	Mar 19, 1973
9. Dayton-Cincinnati Chapter	Oct 1, 1957	64. El Paso Chapter	Aug 1, 1973
10. Michigan Chapter	Apr 13, 1959	65. Niagara Frontier Chapter	Nov 17, 1973
11. Northern California Chapter	Aug 1, 1960	66. Spaceport Chapter	Nov 21, 1973
12. Southeast Florida Chapter	Feb 15, 1962	67. Austin Chapter	Dec 20, 1973
13. West Gulf Chapter	Mar 22, 1962	68. West Branch Chapter	Dec 21, 1973
14. San Diego Chapter	Jun 10, 1962	69. Everglades Chapter	Mar 4, 1974
15. Oklahoma Chapter	Oct 5, 1962	70. National Capitol Chapter	Mar 7, 1974
16. Arizona Chapter	Oct 11, 1962	71. Central Ohio Chapter	Apr 10, 1974
17. Susquehanna Chapter	Dec 12, 1962	72. Fort Worth Chapter	Apr 15, 1974
18. Findley Chapter	Feb 10, 1963	73. Southern Ontario Chapter	May 17, 1974
19. Missouri Chapter	Mar 4, 1963	74. Muskegon Chapter	Jul 8, 1974
20. Baltimore Chapter	Apr 6, 1963	75. Central California Coast Chapter	Aug 15, 1974
21. Canton Chapter	May 3, 1963	76. Blue Ridge Chapter	Aug 15, 1974
22. Toledo Chapter	Feb 8, 1964	77. Northern New Jersey Chapter	Oct 26, 1974
23. Washington Chapter	Feb 9, 1964	78. Lubbock Chapter	Nov 1, 1974
24. New England Chapter	Apr 4, 1964	79. Sunflower Chapter	Nov 20, 1974
25. Nebraska Chapter	May 28, 1964	80. Caloosa Chapter	Nov 23, 1974
26. Indiana Chapter	Sep 27, 1965	81. Long Island Chapter	Apr 4, 1975
27. Houston Chapter	Nov 11, 1965	82. Sailfish Chapter	Mar 25, 1975
28. Central New York Chapter	Jan 7, 1966	83. Central Indiana Chapter	Mar 25, 1975
29. Finger Lakes Chapter	Mar 29, 1966	84. Florida Chapter	Apr 25, 1975
30. Central West Virginia Chapter	May 11, 1966	85. Ark-La-Tex Chapter	Apr 28, 1975
31. Reading Chapter	Jun 21, 1966	86. Fort Wayne Chapter	Jun 17, 1975
32. Gator Chapter	Nov 21, 1966	87. Evergreen Chapter	Jul 1, 1975
33. Anthracite Chapter	Feb 10, 1967	88. Tennessee Valley Chapter	Jul 21, 1975
34. Joliet Chapter	Apr 17, 1967	89. Palmetto Chapter	Aug 7, 1975
35. Mid-Continent Chapter	Oct 3, 1967	90. Razorback Chapter	Aug 12, 1975
36. Northwest Indiana Chapter	Nov 1, 1967	91. Northern Virginia Chapter	Oct 1, 1975
37. Harrisburg Chapter	Mar 1, 1968	92. Northern Lights Chapter	Nov 11, 1975
38. San Antonio Chapter	Mar 4, 1968	93. Rio Grand Valley Chapter	Dec 30, 1975
39. Akron Chapter	Apr 3, 1968	94. Roadrunner Chapter	Jan 9, 1976
40. Alabama Chapter	Sep 27, 1968	95. Eastern New York Chapter	Jan 10, 1976
41. Dallas Chapter	Sep 27, 1968	96. Gateway Chapter	Jan 14, 1976
42. Mohawk Valley Chapter	Nov 9, 1968	97. West Virginia Chapter	Mar 16, 1976
43. Tulsa Chapter	Mar 17, 1969	98. Dogwood Chapter	Apr 12, 1976
44. Nevada Chapter	Mar 22, 1969	99. Central Valley Chapter	May 20, 1976
45. Citrus Chapter	May 10, 1969	100. East Georgia Chapter	Jul 10, 1976
46. Metro New York Chapter	May 27, 1969	101. Coastal Bend Chapter	Dec 13, 1976
47. Sydney, Australia Chapter	Jul 11, 1969	102. Dakota Chapter	Feb 10, 1977
48. Treasure Coast Chapter	Apr 27, 1970	103. Fourth Corner Chapter	May 11, 1977
49. Atlanta Chapter	Apr 29, 1970	104. Treasure State Chapter	Aug 16, 1977
50. Shreveport Chapter	Aug 24, 1970	105. Middle Tennessee Chapter	Nov 19, 1977
51. Texas Golden Triangle Chapter	Sep 28, 1970	106. German Chapter	Dec 12, 1977
52. Mississippi Gulf Coast Chapter	Oct 31, 1970	107. Central Florida Chapter	May 15, 1978
53. Sun Coast Chapter	Mar 19, 1971	108. Beaver State Chapter	Jun 19, 1978
54. Tyler Chapter	Jul 10, 1971	109. Baton Rouge Chapter	Aug 18, 1978
55. Wisconsin Chapter	Jul 16, 1971	110. Kansas Chapter	Aug 28, 1978
		111. Palm Beach Chapter	Nov 4, 1978

NORTHWEST CHAPTER QCWA

The Northwest Chapter of QCWA has developed what is recognized far and wide, as one of the finest Museums dedicated to the proposition of providing the Public with a record of the evolutionary development of radio communication. The one man most responsible for bringing the Museum to its present high standard is Warrlen L. Green, W7JY. At the request of Tex Sloat, W7AHK, Warren has provided us with a short story of the accomplishment. He is a humble man, and his story reflects this...we, here at QCWA Headquarters, are informed that without his help the Museum simply might not have been made into a real world accomplishment. Now, to Warren's story:

Old radio parts come to life in Northwest Chapter's museums. The Chapter's display at the Rocky Reach Dam, on Washington State's Columbia River at Wenatchee, has recently been redone to brighten up the show cases, and add new equipment. Large posters on the walls give a touch of help in relating the material to the general public as well as the technically minded visitors. It is a part of the museum maintained by the Chelan County Public Utility District, visited annually by about three-hundred thousand people.

The original idea for a historical collection began with Howard Pyle, W7OE, and Dr. Clifford Spike, W7OS, back in the 1950s. The equipment was donated by chapter members and traveled about in displays at QCWA gatherings, ham fairs and local radio club meetings. Eventually the collection grew in quantity and quality to a point where a permanent location was deemed necessary. The Power District maintains a fine museum presenting Indian artifacts, archeological and pioneer historical exhibits. The museum is situated on a balcony that runs the full length of the 750 foot power house overlooking the generator gallery. About ten years ago the District added another 750 feet to the power house and in the new gallery space available, established an electrical museum known as the Gallery of Electricity. This is now as fine an historical electrical museum as can be found anywhere in the Country, professionally done to provide an educational walk through history



The Northwest Chapter of QCWA was allotted an area for their exhibit Displays range from spark through the broadcasting era and include amateur, marine and telegraph materials. Sixteen large glass show cases contain, among other displays, the complete original 1000-Watt spark station donated by Glenn Stewart, W7EG. The Art-work was done by the Power District's photographers who blew up old pictures and advertisements to adorn the walls. Warren Green, W7JY, acts as the Curator for QCWA along with help from many others. The beautiful restoration work on equipment was done by James Nelson, W7RZZ.



On a trip through the Pacific Northwest it is well worth while to stop at the Rocky Reach Power house and enjoy the many interesting attractions of interest to all members of your family.

The pictures above, furnished by Warren, show just a tiny bit of the material on display. Northwest Chapter can be proud of its work, proud of those who have worked to make it possible. They, through their efforts have given QCWA and Amateur Radio a proud and dignified image.

The Museum is located just seven miles north of Wenatchee on U. S. Highway 97. Wenatchee is about in the center of Washington State on Highway 2. It is 132 miles east of Seattle, 164 miles west of Spokane, 120 miles south of the U. S.-Canadian border crossing at Oroville, and about 200 miles north of the Washington-Oregon border.

QCWA MUSEUM

Clarence Seid, W2KW, QCWA Historian, established a QCWA Museum, at Radio Hill, several years ago. Members have provided a considerable amount of equipment, dedicated to QCWA, and maintained at the Museum. At the recent meeting of the Board of Directors, at San Diego, a complete listing of equipments on display was provided. Members are invited to visit the Museum when they are in the New York area. Gifts to the Museum are solicited. You may contact Clarence directly, or if you have items of historical interest, you may contact Headquarters, who will see that the proper notification is made so that the gifts can be placed in safe keeping for future Amateurs to see and enjoy. Gifts may be appraised and QCWA Headquarters will issue a letter entitling you to tax exemption in that amount.

QUARTER CENTURY WIRELESS ASSOCIATION, INC.

CONSTITUTION

ARTICLE I

NAME AND PURPOSES OF THE ASSOCIATION

Section 1. This Association shall be known as the QUARTER CENTURY WIRELESS ASSOCIATION, INC.

Section 2. The purposes of the Association shall be:

- (a) To promote friendship and cooperation among Amateur Radio (Wireless) operators who were licensed as such at least a quarter of a century ago.
- (b) To operate exclusively for charitable, educational and scientific purposes entitling the Association to exemption under the provisions of Section 501 (c)(3) of the Internal Revenue Code of 1954, as amended, and more specifically to promote interest in Amateur Radio Communications and the advancement of the electronic art, making use of the reservoir of knowledge and experience represented within the membership of QCWA for the benefit of all Radio Amateurs and the furtherance of the Public welfare through Amateur Radio Communications; to provide a scholarship fund for worthy students who are Radio Amateurs.
- (c) In the furtherance of its corporate purposes, the Association shall have all general powers enumerated in Section 202 N-PCL, together with the power to solicit grants and contributions for corporate purposes.
- (d) Nothing herein shall authorize this Association, directly or indirectly to engage in or include among its purposes, any of the activities mentioned in Not-for-profit Corporation Law, Section 404 (b)-(p) of Executive Law, Section 757.
- (e) No part of the income of the Association shall inure to the benefit of any member, director or officer of the Association or any private individual (except that reasonable compensation may be paid for services rendered to or for the Association affecting one or more of its purposes), and no member, director, or officer of the Association or any private individual shall be entitled to share in the distribution of the Associations assets on dissolution of the Association.
- (f) No part of the activities of the Association shall include participating in or intervening in (including the publication or distribution of statements for) any political campaign on behalf of any candidate for public office or engaging in any substantial way, directly or indirectly, in carrying on propaganda or otherwise attempting to influence legislation.
- (g) In the event of dissolution, all of the remaining assets and property of the Association shall, after necessary expenses thereof, be distributed to such organizations as shall qualify under Section 501 (c)(3) of the Internal Revenue Code of 1954, as amended, subject to an order of a Justice of the Supreme Court of the State of New York.
- (h) The Association shall distribute its income for each taxable year at such time and in such manner as not to subject it to tax under Section 4942 of the Internal Revenue Code of 1954, as amended, and the Association shall not (a) engage in any act of self-dealing as defined in Section 4941 (d) of the Code; (b) retain any excess business holdings as defined in Section 4943 (c) of the Code; (c) make any investments in such manner as to subject the Association to tax under Section 4944 of the Code; or (d) make any taxable expenditures as defined in Section 4945 (d) of the Code.

ARTICLE II

MEMBERSHIP

Section 1. The membership of the Association shall consist of those persons who have signed the Certificate of Incorporation, together with all persons who are hereafter received into or elected to membership as hereinafter provided.

Section 2. Any person is eligible for membership who submits satisfactory proof that he or she is at present a licensed Amateur Radio (wireless) operator, that he or she was licensed as such twenty-five or more years prior to making application and who, upon submitting an application is approved as provided in the By-Laws of the Association.

- Section 3. The classes of membership and the fees therefore are as prescribed in the By-Laws.
- Section 4. Any member may withdraw from membership in the Association by presenting to the General Manager a written statement of resignation.
- Section 5. A member may be expelled for violation of the By-Laws of the Association or for other cause prejudicial to the best interests of the Association. Such expulsion may be effected by affirmative vote of two-thirds of the Board of Directors at a duly called meeting.
- Section 6. Any resigned or expelled member forfeits all rights and/or privileges of the Association.

ARTICLE III

GOVERNMENT

- Section 1. The general management of the affairs of the Association shall be vested in the Board of Directors, who shall be elected as provided in the By-Laws.
- Section 2. The Officers of the Association shall consist of a President, Vice President, Secretary and Treasurer.
- Section 3. The Board of Directors shall consist of the President, Vice President, Secretary and Treasurer and five Directors of the Association.
- Section 4. The Board of Directors shall meet at least once each year and at the call of the President. At least one-half of the Board members shall be present to constitute a quorum.
- Section 5. If a vacancy occurs among the Officers or Directors, such vacancy shall be filled for the unexpired term by a majority vote of the Board of Directors.
- Section 6. The President shall be a member ex-officio of all committees.

ARTICLE IV

MEETINGS

- Section 1. The Association shall hold an annual meeting during the second half of each year at a time and place to be designated by the Board of Directors.
- Section 2. The purpose of the Annual meeting shall be a report of the Board to the general membership, the installation of Officers and Directors elected during the year and such other business as may be deemed necessary.

ARTICLE V

FINANCIAL OBLIGATIONS

- Section 1. No financial obligations shall be incurred on behalf of the Association except by prior approval by affirmative vote of two thirds of the Board of Directors as covered in the By-Laws.

ARTICLE VI

AMENDMENTS

- Section 1. Amendments to this Constitution may be initiated by a majority vote of the Board of Directors or by petition submitted to the Secretary by at least five percent (5%) of the members in good standing on January first of the year of submission of the petition, provided that no more than 25% of the signatures to the petition be from any one call-sign area. Proposed amendments, with a ballot, shall be mailed to the membership at least 60 days before the date appointed for the return of the ballot, and the ballot shall carry a statement of the return date limit. Approval of the amendment by at least two-thirds of the members voting shall be necessary for its enactment.
- Section 2. The President, with the approval of the Board of Directors, shall appoint two or more tellers to count the ballots for the amendment. The Tellers shall certify in writing to the President and the General Manager the results of the ballot count.

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QUARTER CENTURY WIRELESS ASSOCIATION, INC.

BY-LAWS

ARTICLE I

MEMBERSHIP

Section 1. There shall be the following classes of Membership:

- (a) Full Membership
- (b) Life Membership
- (c) Honorary Membership

Section 2. The classes of membership are defined as follows:

- (a) Full Members shall be those members holding full rights and privileges of membership.
- (b) Life Members shall be those Full Members whose dues have been paid or granted for Life.
- (c) Honorary Membership may be granted by action of the Board of Directors in recognition of outstanding service rendered by persons not otherwise eligible for membership in the Association. Honorary members may not vote or be elected to the Board of Directors.

Section 3. A person eligible for membership may apply by making application on the form prescribed and submitting the application to the General Manager for approval. Upon approval, and subject to review by the Board of Directors, the applicant shall be notified of his election to membership.

ARTICLE II

DUES

Section 1. Each applicant for Full Membership shall remit an entry fee of Three Dollars (\$3.00) plus three years dues of Fourteen Dollars (\$14.00), making a total of Seventeen Dollars (\$17.00), which shall be returned to him or her should the application not be approved.

Section 2. Each applicant for Life Membership shall make a life-time payment of Seventy Dollars (\$70.00). Payment for Life Membership may be made in three installments over a period of one year. First payment must be Thirty-Five Dollars (\$35.00), second payment Twenty Dollars (\$20.00) and final payment Fifteen Dollars (\$15.00). If payments are not completed within one year period, the money paid will be credited toward regular dues. If an entry fee has not been previously paid, it must be remitted with the first payment of Life Membership.

Section 3. There shall be no dues or entry fee for Honorary Membership.

Section 4. Any member whose dues have not been received by the Association within three months after expiration shall be dropped from all membership lists.

Section 5. Each applicant accepted for membership shall be assigned a membership number in chronological sequence. This number shall not be reassigned to another member.

Section 6. Applicants for membership who were former members shall be reinstated and reassigned their original membership number upon payment of current dues. No member shall knowingly be assigned more than one membership number.

Section 7. Members residing outside North American Continental limits may have full membership privileges upon payment of Ten Dollars (\$10.00) for three years, with exception of publications. Such members may have the option of receiving these publications at cost of publishing and mailing which may be set from time to time.

ARTICLE III

BOARD OF DIRECTORS

Section 1. The Board of Directors shall have control over the property and affairs of the Association and shall fix its policies. It shall have the power to hold meetings, appoint committees, suspend, censure and take all necessary and proper steps to carry out the principles of the Association and promote its best interests. It shall appoint a General Manager and such other employees as may be considered necessary and fix their compensation.

Section 2. Meetings of the Board of Directors and the regular meetings of the Association may be held within any state of the United States as authorized by the Board of Directors.

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- Section 3. Special meetings of the Board of Directors may, at the call of the President, be convened and action taken by mail or telephonic communications.
- Section 4. No Officer or Director shall receive remuneration for his services in any capacity. This is not to preclude reimbursement for documented expenses approved by the President.
- Section 5. Each Officer and Director of the Association shall serve for a term of two (2) years or until his successor is duly elected.
- Section 6. A vacancy in the Board of Directors shall be deemed to occur upon the death or resignation of a member or upon his refusal to act.
- Section 7. Robert's Rules of Order shall govern meetings of the Board of Directors and of the Association in all cases which are applicable.

ARTICLE IV

DUTIES OF OFFICERS

- Section 1. The President shall preside at all meetings of the Association and of the Board of Directors. He shall, with the assistance of the General Manager, carry out the mandates and directives of the Board of Directors. He shall appoint such committees as he or the Board of Directors shall consider expedient or necessary.
- Section 2. In the absence of the President, the Vice President shall perform his duties. In the absence of both the President and Vice President, such Officers as may be present shall select a member of the Board to assume the duties of the President.
- Section 3. The Secretary shall record the proceedings of all meetings of the Board of Directors. He shall promptly furnish copies of the minutes of these meetings to all members of the Board and publish a summary in the QCWA NEWS. He shall be responsible for maintaining the corporate status of the Association and filing all corporate reports and certificates which may be required.
- Section 4. The Treasurer shall be responsible for the funds of the Association and shall be accountable to the Board of Directors. He shall prepare a proposed operating budget for submission to the Board of Directors prior to each Annual Meeting of the Board.
- Section 5. Upon the termination of his term of office, each Officer shall send to his successor, within 30 days, all property of the Association in his custody.

ARTICLE V

GENERAL MANAGER

- Section 1. The General Manager shall be appointed by the Board of Directors. He shall manage the affairs of the Association under the direction of the President and/or the Board of Directors. He shall attend all meetings of the Board but without vote. He shall collect all monies due the Association and turn them over to the Treasurer. He shall from time to time furnish to the Board of Directors such reports as may be required. He shall conduct the general correspondence of the Association and keep full records. He shall be the General Manager of the Association's publications. He shall prepare and submit to each Annual Meeting of the Board of Directors a comprehensive report of the progress and status of the affairs of the Association.
- Section 2. The Association's directories, year book, membership lists or other membership mailing facilities shall not be sold nor be made available to any person or organization without the prior approval of the Board of Directors.

ARTICLE VI

NOMINATIONS AND ELECTIONS

- Section 1. The regular election of Officers and Directors shall be held in odd numbered years.
- Section 2. No member may qualify for nomination to be an Officer or Director of the Association unless he shall have been a member in good standing continuously for more than two (2) years immediately preceding his nomination.
- Section 3. At the Annual Meeting held in even-numbered calendar years, the President, subject to approval of the Board of Directors, shall appoint a Nominating Committee to select eligible candidates for the offices of President, Vice-President, Secretary, Treasurer and appropriate Director positions. Nominations made by this Committee shall be announced in the Winter issue of QCWA News along with a call for petitions from the membership for additional nominations.

- Section 4. Nominations of Officers and Director candidates may be submitted by the membership by petition signed by at least 100 members in good standing. Such petitions shall be submitted to the Secretary, post marked no later than 10 February of odd numbered years. Upon receipt of such a petition, the Secretary shall, upon verifying the validity of the petition and the eligibility of the candidates, cause the names of the candidates to be placed on the ballot along with those submitted by the Nominating Committee. Publication of the list of all eligible candidates shall be made in the Spring issue of the QCWA News.
- Section 5. Each candidate shall be requested to submit in writing a brief biographical outline to the Secretary by May 1. This biographical outline shall accompany the ballot
- Section 6. Ballots shall be sent no later than July of each odd-numbered year to each member in good standing. The polls shall be open no less than 60 days after the date of ballot mailing. Election of the candidates shall be by written ballot vote of a plurality of the members voting before the close of the polls.
- Section 7. The President shall, with the approval of the Board of Directors, appoint two or more tellers to count the ballots. The tellers shall certify in writing the results of the ballot count for each candidate to the Secretary and to the General Manager.
- Section 8. Results of the election shall be published prior to the Annual Meeting. Candidates shall be notified by the General Manager of the results of the balloting via telephone within 24 hours of certification by the Secretary.

ARTICLE VII

CHAPTERS

- Section 1. Chapters may from time to time be formed upon the approval of the Board of Directors. The requirement for a Chapter shall be as follows:
- (a) Each Chapter member must be and continue to be a member in good standing of the Quarter Century Wireless Association, Inc.
 - (b) The Chapter must have at least ten (10) members residing in the same geographical area.
 - (c) The Constitution and By-Laws of each Chapter must be consistent with the principles of the Constitution and By-Laws of the Quarter Century Wireless Association, Inc.
 - (d) Each Chapter shall elect a President/Chairman and other officers as required to conduct the business of the Chapter. The Secretary shall correspond with the QCWA Headquarters Office and keep the General Manager informed of current information regarding the Chapter.
 - (e) Each Chapter may have such local business or social meetings as it wishes and for such purposes as are within the spirit of the Quarter Century Wireless Association, Inc.

ARTICLE VIII

FINANCIAL OBLIGATIONS

- Section 1. All obligations incurred by the Association shall be solely corporate obligations and no personal liability whatsoever shall attach to, or be incurred by, any member, Officer or Director of the Association by reason of any such corporate obligations.
- Section 2. Expenditures beyond those approved in the Annual Budget shall not be made without prior approval of two-thirds of the members of the Board of Directors.

ARTICLE IX

AMENDMENTS

- Section 1. These By-Laws may be amended from time to time by affirmative vote of two-thirds of the Board of Directors at any regularly called meeting of the Board of Directors.
- Section 2. Petitions to change the By-Laws may be submitted to the Secretary upon signature of at least 200 members in good standing on January 1st of the year of submission of the petition. The Board of Directors must consider and vote upon said petition at the next succeeding meeting of the Board of Directors.
- Section 3. The membership shall be advised of any amendment to these By-Laws at least sixty (60) days prior to its becoming effective.

QCWA NEWS

JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

THE NORTHERN LIGHTS CHAPTER

It isn't often that a full or near full page is given to one Chapter's activities, but so much has been happening in the Northern Lights bailiwick that it takes a lot of space to talk about it....

From Roy Davie, KL7CUK...reporting on activities of the Chapter on behalf of QCWA at the Alaska State ARRL Convention held during Aug. of 1978. The Chapter set up a booth shown in the picture at the right. The booth was manned during the two days of the Convention. Displays of old equipment, magazines, Certificates, registers and application blanks for possible new members. Roy and his gal are pictured, Roy at left, KL7CUK and the xYL WL7ABA, at the right. Roy reported that considerable interest was shown in the booth and its materials, but not many amateurs were able to qualify for membership. However, several did take applications, and we have received a few here in Texas.... More are expected as a result of the activity...



Roy mentioned that it was difficult for Alaska to participate in the QCWA Nets simply due to time differences, and to propagation problems. They will be trying in the Spring QSO Party. In addition to his QCWA duties, Roy was ARRL coordinator for the General Convention Committee, which was chaired by Meg Girard, KL7FHF.

John P. Trent, KL7DG has supplied information on the Fourth Annual meeting of the Northern Lights Chapter 92, of QCWA. His copy was so well prepared, we're quoting it directly

The Fourth meeting of the Northern Lights Chapter 92, of QCWA was called to order by Chairman, Davie, KL7CUK, at 0925 PM, November 11, 1978, in the Bounty Restaurant, Palmer, Alaska. There were 22 members and guests attending the meeting and preliminary dinner. Members licensed 25 years ago and presently active in amateur radio included: KL7AM, KL7DG, KL7GN, KL7MF, KL7PE, KL7PJ, KL7JR, KL7AH, WL7ABA, KL7AVX, KL7AXZ, KL7YG, KL7CUK, KL7JBL, KL7HCO, KL7HFX, KL7IHH. The Ladies of QCWA members present were; Marcie Trent (KL7DG), Evelyn McQueen (KL7AVX), Louise Devoe (KL7MF) and Pat Nightingale (KL7GN).

Business included a report from the National Convention of QCWA in San Diego, by KL7AVX, introduction of new members, John Huber, Doris Staley and Russ Staley, by Chairman Davie. New members not in attendance were: KL7EKZ, KL7AG, KL7AJZ and KL7OT, of Aniak, Alaska. Chuck and Marj Sappah, KL7PJ and KL7YG were also new members attending.

A fund was established to purchase certificates for a Northern Lights Chapter Award which will be given amateur Radio Operators in the area outside Alaska contacting THREE members of the Northern Lights Chapter by any mode & on any band.

John Trent, KL7DG, proposed establishment of a 27 meter band for very low power CW from 11300 to 11325 kHz, for adoption on a world-wide basis at the forthcoming WARC-79 Conference. The proposal was passed and forwarded to National Headquarters with the Chapters recommendation for whatever action QCWA might take to assist in the effort.

New Officers elected for 1979 included: Ed Holmes, KL7HFX, of Palmer, as Chairman; Dr. Robert Hisamoto, KL7AM, of Fairbanks, as Vice President; and John McQueen, KL7AVX, of Anchorage, as Secretary/Treasurer. The program for the evening was highlighted by KL7HFX story of his teaching English to Japanese Radio Amateurs after a visit to his home by JA1BPK. Dr Hisamoto related his life history as a scientist in the development of radio and his recognition in Japan as the Father of the Japanese Amateur Radio League (JARL). KL7DG displayed pictures of Petrograd, USSR, sent to him by his "call-sake" UA1DG, with whom KL7PJ had recently been in QSO, to underscore the 20th year of KL7DG's first QSO with UA 1DG.

In recognition of problems with Chapter number systems, Chairman Davies declared the Northern Lights Chapter of QCWA to be Number 92.

NORTHERN LIGHTS CHAPTER as adopted a Slogan, or Maxim, as follows:

"Light a Lantern of Peace and Understanding Throughout the World
by Amateur Radio."

The Fourth Annual Chapter meeting and dinner adjourned at 10:55PM.

We have received here in Headquarters, a copy of a Japanese document showing the picture of Dr. Bob Hisamoto, Vice President of the Chapter, and relating the history of his founding of the JARL. We regret that the picture was too poor to properly reproduce. Dr. Bob is the father of 11 children, 9 of whom have become amateur radio operators in the USA...Bob was born in Hawaii 70 years ago.

We are indeed proud of the Northern Lights Chapter. They're small, but dynamite, and with a will to really get things done. We know of no other Chapter that has its own slogan. Alaska has always been the land of big doings, and Northern Lights is carrying forward the tradition.

- W5EJ -



'DLL's CORNER 'W6DLL''

Late in August, Bud Neelands, W6DLL, editor of the QCWA Books Department, suffered a very serious illness....It was through fortunate circumstances that he came through with flying colors. In lieu of a Book Report, Bud here re-lives a terrifying experience. His attack came very quickly, while he and his wife were involved in preparation for a Baptism (their grand-child). This experience was not written nor published to excite sympathy, but is an urgent plea to each of us...read it!

-W5EJ

HYPERTENSIVE CRISIS.

been changed to protect anyone. This is, as nearly as I could remember it, a detailed account of hypertensive crisis--a possible consequence of high blood pressure... I am the author; persons not identified are the doctors and nurses of the UCLA Hospital.

By publishing this I know that I will hurt some readers terribly for all were not as fortunate as I...I survived. To those readers there is no way I can apologize I can and do grieve with you. Please understand that if I can, by publishing this, cause just one person to visit his doctor and have his blood pressure checked, then I am compelled to publish it.

To those of my readers who are M.D.'s or R.N.'s, please forgive technical errors in the description. I am an engineer; not a doctor and was barely conscious part of the time.

To all readers, do not pay too much attention to the symptoms. I am told that they vary greatly; that actually mine were somewhat unusual. You should discuss it with your physician.

Above all, bear in mind that all of this could have been prevented.

CHAPTER I.

Mikes deployed? Check. Organist knows we have baptism today? Check. PA op in position? check. PA op know about baptism? Check. PA op tested mike gains? Check.. That does it. One week from today San Diego (QCWA/ARRL-Conventions). Two weeks from today London. Now join XYL in pew and let somebody who knows how take over the world. Confound, it's humid in here.

CHAPTER II.

Processional, fine. Opening prayer, very nice, just the right level. Pastoral prayer, fine. That kid's really good. Faded from mike on to mike four smooth as silk. This is the part of the service that means the most to me--relax. Amen. Hey! Not humid in here. It's me. (To XYL) "I don't feel well. Let's leave."

CHAPTER III.

Stay here. I'll get the car. Wow! U-turn in the middle of the block. Hey! House is in the other direction. Hospital's in this direction (finality of tone seemed to preclude further discussion). Yipes! Didn't know the XYL had drag-race experience. Slow walk--XYL will handle paper work. Let me have your wrist please. Up here, please. Right around the end of the counter, please.... Shirt off, please, We're attaching a monitor. I.V. Doris. (Me) Jab away, girl. These go in each nostril. Breathe normally. This is going to squeeze your arm. 195 over 110. Pulse 104 irregular. That's not the best EKG I've ever seen. Nitro. Thirty drops on the I.V. please.... Just let this dissolve under your tongue. What were your symptoms? Sweating. Chest pains? No. Short of breath?

No. Dizziness? No. Nausea? No. Disorientation? No. Previous heart history? Three heart attacks, double bypass surgery. Allergies? Quinine, probably quinidine.... Good grief, where did all the people come from? 198 over 115. Pulse irregular.

Ooops, here it comes, "Dear God, please watch over my wife and kids." Nope. Lights going on again. May make it after all.

This I.V. is getting us nowhere on the pressure. O.K., upstairs! We'll need the rest of the stuff. Recorder running? Yes. Good; pick it up. Who's got the oxygen? Someboy'll have to push the I-V stand. Remember all this stuff is cabled together. OK, let's go. One side please, Good, elevator at floor. No! Too crowded in 4th floor corridor. This way. Anything like this before, Sir? .. No. OK almost there 100 feet to the elevator. Oh! kick 'em out we'll need the whole elevator. Jam in, jam in.. Press the door-close button, please. Good, fourth floor. Everybody ready? Straight ahead. Will you open for us please. Great. They must have phoned from emergency... All nurses. All I-V's. Everything's set. Just relax; we'll lift. 122 irregular. 200 over 120. Continuous pressure readings, please. Nitro, please.. Here we go, under your tongue. Somebody check his eyes. Look directly overhead, Sir. There's something here, but I'll have to go around to the other side to see. 130 irregular. Whatever I saw (eye) is gone now. Move your head please so I can see your other eye. 135. 135 over what? Over nothing; the 135 is diastolic (lower reading)---no time for anything else--besides it's 138 now. Pulse 142 very irregular, pressure 140.

Ooops. There go the lights again. Not going to make it after all. Wish I could thank all these people. "Our Father who art in heaven..." Nope. Lights coming up again. Still have a chance.

Pressure 139; that's down a millimeter anyway. Pulse 137 still irregular. Diastolic down to 130. Pulse 128.

OK fellow, we've got you around the corner. It's up to the girls now.

Thank you. Thank the rest of the people. Please tell the people down in Emergency that I am very grateful.... It's only our job.

CHAPTER IV.

OK, Pumpkin, we've got to get you down to 150. Then we get a private room and we can both watch the Emmy awards on TV tonight. Right on, honey, I'm all for you.

* * *

In the past, correspondence relative to the column has been much heavier and more rewarding than I had any right to expect. In this case, please do not bother to write to console me or bolster up my spirits. I'm as good as new. What would please me most, would be to receive, in this order:

1. Letters saying that you are already having your blood pressure checked regularly and that it's OK
2. Letters saying that because of having read this column you have had your blood pressure checked and that it's OK
3. Letters saying that because of having read this column you have had your blood pressure checked and are now having it controlled by medication (as I am).

On second thought, don't bother to write. Just do it! You might not be sitting, as I was, 900 feet from the Emergency entrance of one of Los Angeles' finest Hospitals, and it can come on a bit fast!

---W6DLL

Cindys Chatter

Great day in the morning! Summer is gone, fall fell, winter is here and it's cold. But, band conditions are good...I hear lots of new calls, but the real joy comes when I recognize a voice and call from years gone by. Such a call and voice belongs to Mary, W5DEW, formerly of Port Arthur, Texas, now K0WKS, of Moorehead, Minnesota. Mary has been licensed since 1934. During the years before WW-II, she spent her time on 20 meters...her voice was heard around the world. She was known, lovingly, as "Texas Dew Drop." During the war years she worked in the Signal Corps, taught at Port Arthur College and later at a broadcast station. The war ended and the amateurs were again on the air. She became an active MARS member -- handled lots of traffic along the Gulf Coast, belonged to the South Texas Emergency Net, loved hamfests and conventions -- it was at a convention held in Galveston, that she met G. L. Dosland, W0TSN.. then President of ARRL. It was love at first sight! Mercy! that was 19 years ago. 'Dos' has retired after 50 years of law practice, a part of those years was spent on the bench as Judge. They live in Moorhead, in a beautiful condominium across from the golf course...both still love amateur radio...operate 20 & 40 & monitor 2 meters...if you really want to hear two real southern voices, listen on 20 to Mary in contact with her daughter Kit, W5APC...Mercy! If one of the networks ever tuned in to that QSO they would have material that would put a show in Number one place on the Tube!

How I wish all of you could have attended the Texoma Hamarama--such noted people as Harry S. Gartsman, W6ATC; Hal Sears, W5NC; Jack Gant, W5GM, West Gulf Director for ARRL & many more. The latest in amateur equipment on display as well as beautiful "home-brew" gear. All of this again brings to mind the struggle the Amateur has had...in 1978, we look at all of our accomplishments -- have we truly reached the ultimate? The next few years will see changes in the world of radio more revolutionary & more far-reaching than in the past. That much is certain. The part that is not certain is the future status of Amateur Radio. It will be what WE make it; what will be make it? It is up to each of us to uphold the traditions that have made Amateur Radio what it is. There are still new goals and new horizons - may each of us lovingly guard the footsteps made before us and keep our eyes on the goal of complete knowledge ere its footsteps be lost in the sand of time.

Happy Operating
Cindy, W5ZPD

George Sperry, W4UKA wrote a short note. His lady, Helen is recuperating from a back operation in a Gainesville Hospital. They were both planning on attending the QCWA Convention at San Diego before Helen's back started acting up! From all of us, best wishes George and Helen.

CHECK THE MAILING LABEL ON THE FRONT OF THIS ISSUE OF THE NEWS. IF THE TOP LINE SAYS DEC78 OR EARLIER, URDUZRDU!

SAILFISH CHAPTER

In the picture below, L-R are: Bill Norris, W4NTN; Herb Combs, W4KEB; Bob Sidnell, W8KS; AD4N, Jack Erickson, & Hank Folkerts, K4KO.

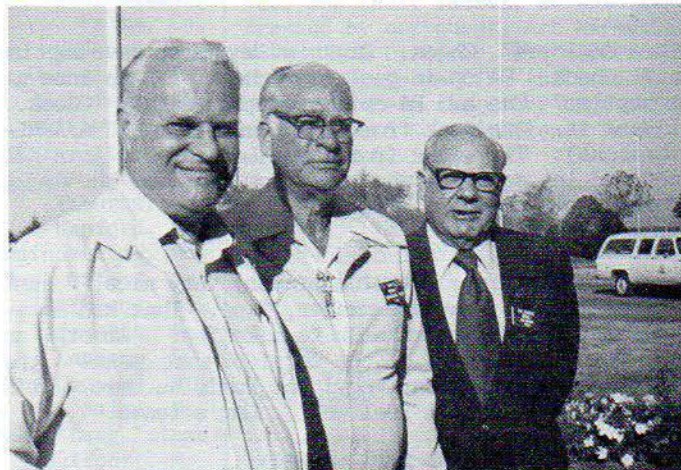


Herb Combs, W4KEB is presenting the Century Club Certificate to Bob Sidnell, W8KS. Herb is the first Chapter President, and Bob is a member of Sailfish too. Picture was taken by Bill Jochimsen, K4ZK, Oct 26, at the Jensen Beach, FL meeting, reported by Floyd Hermanson, W4NFI...

SAN ANTONIO CHAPTER QCWA

On October 8, the San Antonio Chapter hosted a picnic for the Austin and Houston Chapters at LaGrange, Texas. Hams from all around were in attendance, with nearly 100 counted. Hosts were W5AET, W5LVE, W5KQG, N5RA, W5BE, W5EJT, K5DB and W5UNE.

At the September 30 Chapter meeting, 22 were in attendance, with XYLS too. Amendments to the Constitution as printed in the NEWS were discussed. Envelopes, pre-addressed were furnished to those present. New Officers will be elected at the January meeting.



In the picture above, L-R are: Johnny Bruemmer, W5LVE, Dean Davis, W5BGE and Roy Albright, N5RA..

Johnny, W5LVE, has been spending much time rebuilding & tuning diplexers for the 2 mtr repeaters at Uvalde and Brackettville, TX...Les Essington, W5BE holds regular schedules with the Yankee Trader, out of Freeport, Bahamas since February 15, 1978...CW on 14075...the Yaesu 901 is real popular with W5OSJ, K5DB, W5DUI & W5BE all being proud owners.

-W5KQG-

Introducing The super CHICAGO '79



CONVENTION

Ed Webb, W9IPO, Chairman
812 No. Dearborn St.
Chicago, IL 60610
312/664-0705

There are many good things

- Handily near O'Hare Airport
- Sept. 7 10 AM Exec Committee
- Open Board Meeting 2-5 PM & REGISTRATION until 4:30 PM.
- Cocktail Hour 5:30 - 7:00 PM

ANNUAL QCWA BANQUET & HONORED RADIO PIONEERS

- Sing-along and entertainment.
- All registrations will be listed in April QCWA News. Early names get preferential places in tours & special features. Tell your friends you will be there. Send your \$35.00 fee to Phil W9HPG.

SPECIAL LADIES PROGRAM

Several Shopping tours, Water Tower Place, Winfield & Television Network show Friday early. Limited number of places, so sign up early!

Saturday September 8, 1979

- 9:30 - 11:30 AM Annual Meeting
- Noon : Luncheon until 1 PM.
- Various tours during afternoon
- Free evening time to attend the DX Century Club Dinner at the Arlington Towers.

Sunday September 9

- 12 Noon BRUNCH. Address by one of Hamdom's famous names. Final prize drawing & Adjournment.



O'Hare/Kennedy Holiday Inn
5440 North River Road.
Rosemont, IL 60018

(312) 871-8350 or (800) 323-8864 (toll free)

Special Room rates \$32/38 per day.

Info on Hotel reservations, activities, etc., will be sent with confirmation!

Friday Banquet & Prizes \$20 Ea.

Saturday Luncheon \$8 Per

Sunday BRUNCH \$8 Per

Complete Package 3 Days \$35.00

MAIL QCWA check to: Phil Haller, W9HPG, 6000 S Tripp, Chicago 60629.

REGISTRATION DATA FORM (Please print or type)

NAME CALL

STREET

CITY STATE ZIP

GUEST NAME(s)

@ \$35 Comb \$ _____
or
@ 20 Banquet _____
@ 8 Lunch _____
@ 8 Brunch _____
Total enclosed \$ _____

Mail to Phil Haller, W9HPG 6000 S. Tripp, Chicago, IL 60629 now!
(before 2/15/79 for listing in April QCWA NEWS)

KANSAS CHAPTER

Steve Schultz attended the Midwest Division, ARRL, Convention at Kansas City...reports it was an excellent get together. Having taken his "brownie" along, the picture below resulted:



L-R, are Harry Dannals, W2HD, President of ARRL presenting the Golden Certificate to Paul Grauer, WØFIR, who is also Midwest Division Director for ARRL.

The Convention featured a testimonial banquet on Saturday evening to Lew McCorry, who recently retired from ARRL.... Lew received many mementos and letters of appreciation.. There were nearly 600 in attendance.

-WØCHJ-

LIGHTING THE LANTERN OF FELLOWSHIP

During the summer of 1977, our QCWA President, Harry S. Gartsman, made a trip to Korea carrying life saving medicine for Chang Ki-hun who suffered from a rare disease. The trip was arranged with the help of Pae Yong-i, a member of the Korean Amateur Radio League.

Pictured at right Harry Gartsman, W6ATC; Chang Ki-hun (sitting on his fathers lap), and Pae Yong-i...



Pae Yong-i's call is HM1KA. The picture, taken recently provides proof that the medicines needed did arrive soon enough to provide young Chang with a chance to live. This is another case of fellowship across the world and, as a result of Amateur Radio, a young boy, one day to be a man, has a chance to live.

-W5EJ

QCWA NEWS

JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

MEMBER WIRELESS ASSOCIATION OF ONTARIO
167 Close Ave., Toronto, Canada
1924

Radio
Your *QRB* *9BJ*
Audibility *QRB* *9BJ* Miles
EQUIPMENT HERE
Transmitter: 50 Watts CW, 1200 volts 25 cycles chem. rectified on plate
Radiation 3.1 mcs. IDH circuit.
Phone set: 5 Watts, D.C. Generator, 500 volts. Rejection 7 amp.
Receiver: Three coil circuit, 500 mcs. and Brown tones.
Antenna: T type, three wire, 30 ft. high 66 ft. long.
Counterpoise 5 wire, 7 ft. long.
Remarks *9BJ*
dated Feb. 10, 1924. Your card
dated Feb. 10, 1924. Arrived to-day, H!

GLAD TO QSL ANY TIME OM.
QRB 9BJ? CUL Best 73's fm W.Y. SLOAN Can., 9BJ.

SARL **A6N**
To Radio *USFC*
Date *13/1/26*
Thanks for your Report of reception
Re radio
Your Transmission was worked here *05-65 GM7*
on *9/1/20*
PLEASE Q.S.L.
WAVE LENGTH
34 m
MAJOR J. G. SWART, M.C.
Cambridge House,
Minerton, C.P.
Transmitter *LC Hantley*
Aerial *85' single (2nd Ham.)*
Input Power *120* Watts
Receiver *0-0-1*
Earth *Swire cp*
Aerial Amps *0.6*
You Were *K3*
QSB and QRN bad.
A6N

Three cards from the collection of our old Pal, Dan Whitaker, W5FC. Dan passed away a few years ago. Just in case you don't recall...that A6N card was South Africa... had to work to get that one back then!

BUTTE AMATEUR RADIO OPERATORS

George Hanson, W7BKB sent in the picture shown below. It is a treasure, and was taken in October, 1931. We were struck by 'how young they were.' We have the names for all of those shown, the list is a long one, so we'll use only the officers names. The club was involved in sending code practice over the air and otherwise working to promote interest in Amateur Radio 46 years ago.

The Officers, all on the front row in the picture, were as follows: L-R; Henry Sturtevant, President; G. A. Woodhouse, Vice President; William Sullivan, Master at Arms; and Mel Sewalson, Secretary/Treasurer. If added information is desired, you may write Headquarters, or a note to George will bring information needed. George's address is:

George Hanson, W7BKB
P. O. Box 417
Columbia Falls, Montana 59912



3600-40-48-1A

RADIO STATION WCCO-9 WI Anoka, Minn.
Radio *5FC* ur *CW* sigs *hr 4-4-26-0007 G. M. T.*
QRB *R9* QRH *39* QSB *RR- JERRY* QSS *SOME*
OFFICIAL GOLD MEDAL RELAY STATION
TRANSMITTER **9 WI** RECEIVER
500 Watts Input *hr. Schnell* es
HARTNEY Circuit *1* Stage Audio
Antenna: *1* wire *83.6* ft. long *VERT* ft. high
A. Counterpoise: *1* wire *27.8* ft. long *DIR-134*
R. Remarks: *Some to cut in short one had to give for O.*
R. *WCCO- am opt there, Gld to QSO HGN OM CUL 73s R.*
L. PSE QSL CRD. QRB WCCO? *QH Anderson Op. S.*
906M-7 29 1A.

WCCO 8 *DX = 8-2-CH-C-M-AQE-BAM-ALL US. ALL ON 250Watt*

NIAGARA FRONTIER CHAPTER

The Chapter has grown somewhat since our last report. New members are: W2CJA, K2GDL, K2LD, W2PPL and W2VEX... At the time of this writing, the Chapter has 76 regular members, with an additional 12 courtesy members. Bill, in his letter mentions that a number of members have become SK...Thomas A. Doddridge, W2LEZ and Edward Wozniak, W2JUV. The Chapter expresses its deepest sympathy to Earl Westfall, W2JR and To Ray Nichols, W2RN, both having lost their XYs since the last newsletter.

The weekly luncheons at the Williamsville Inn, at 5447 Main Street, Williamsville, every Saturday noon have become a very popular feature with the fellows. We have initiated a special "Ladies Day" for these luncheons, taking place on the second Saturday of each month. Sixty members of our chapter are now sporting our Chapter QCWA Insignia name badge. Members who have this badge & who fail to wear it at our functions are assessed a fine which is cheerfully collected by our President, W2SD.

Our annual Dinner Party held on June 4 was a fine success, and was attended by 70 people. Ted Podd, W2KX did a fine job as usual, as MC. Ken Palmer, K2FJ presented an excellent program featuring his Gibraltar DX Expedition in February as ZB2G. Ken's wife, Ann, gave us a terrific comedy monologue...she is very talented and had us rolling off our chairs.

The Annual picnic held August 11, at the home of Bob Johnson, W2WVC, was lots of fun. Bob is a great host & Lyman Harrison, W4REQ, made is annual appearance at the picnic.

-W2EWT

RESULTS OF BALLOTING

QCWA CONSTITUTIONAL RESTRUCTURING

1978

The following is the Official Talley of votes by Tellers in the recent balloting just completed:

CONSTITUTION		Talley	
Article	Section	Yes	No
I	2(a)	959	13
	2(b)	909	66
	2(c)	934	22
	2(d)	934	19
	2(e)	944	16
	2(f)	900	59
	2(g)	934	24
	2(h)	943	15
II	2	770	22
	4	764	22
	5	757	28
III	3(A)	420	-
	3(B)	578	-
	5	963	17
IV	1	923	31
	2	948	15
V	1	953	24
VI	1	913	49
	2	945	18

1037 ballots were received by the Tellers. Of these some were disallowed. the breakdown given is as follows:

Ballots sent by ineligible members	5
Members sent more than 1 ballot*	18
Illegal marking of ballot**	16

Total disallowed 39

*some members sent in a second ballot asking that the 1st be replaced...counted only the 1st ballot.

** Member voted both for and against one or more proposition.

The Chairman of the Tellers Committee, Mr, Ed Serur, W5CNO wishes to thank Mr. Cecil Cammack, W5RRM, and Members of the Tyler Chapter who assisted in the work.

All ballots have been transferred to Headquarters. They are in a sealed box, and will be retained for 180 days.

President Harry Gartsman has extended his thanks to the Committee, and to the members of QCWA for taking part in the balloting.

W5EJ

NORTHERN VIRGINIA CHAPTER 91

The Summer meeting was held Aug 8, at the Cedar Inn Restaurant in Vienna, with 35 members and guests attending.. President Bill Miller, K4MM presided.

65 & 54 year Golden Anniversay Award endorsements were presented to Charles Stay, W4HE and Ralph Renton, W4CU... Ethel Smith, K4LMB made the presentations.

Harold Richman W4CIZ was presented the 11th annual Roan-Oke ARRL Service Award, with Vic Clark, W4KFC making the presentation.

Vic provided the attendees a brief re-cap of the recent ARRL Board Meeting. Bill Grenfell, W4GF, reported on the Commissions meeting held August 8.

NOMINATING COMMITTEE

1979 ELECTIONS

In accordance with Article VI, Section 3, of the By-Laws, President Gartsman did timely appoint a nominating Committee charged with selecting a slate of eligible candidates for the various Offices and Directorships of QCWA. Those chosen for this important work, and who have signified a willingness to serve are:

Mr. Frank Anzalone, W1WY
Mr. George Apfel, W2GHV
Ms. Elizabeth Zandonini, W3CDQ
Mr. Jack Six, W4YPA
Mr. Noel Olmstead, W5URT
Mr. Ralph Cabanillas, Jr., W6IL
Mr. Howard Truax, W7SO
Ms. Beth Taylor, W7NJS
Mr. Vern Sherman, W8MX
Mr. Ed Webb, W9IPO
Mr. Don Holaday, WØDR

Mr. Ed Webb, W9IPO, was named Chairman for the Committee.

In line with the policies adopted by the President and Board of Directors, representation from all portions of QCWA membership has been sought. At the time the Committee was chosen, a postal strike occurred in Canada. Mail was undelivered and it was quite late before this was apparent...no representative was available. Accordingly it was deemed desirable to select Beth Taylor, W7NJS, who is well known throughout North America to act as representative for Foreign QCWA members.

It is well to note that this is the first time the Nominating Committee has been so chosen. It will be difficult to coordinate, but representation of all sections of the membership is certain.

The Nominating Committee has been charged to find suitable candidates who are eligible, and to provide for two names for each position.

Nominations by petition are acceptable, and are sought by QCWA. Rules for nomination by petition are printed herein, on Page 111, Article VI, Section 4, of the By-Laws...

Note that due to the wait for balloting in the Restructuring vote ended so late that it is impossible to comply with the requirement in Article VI, Section 3, of the By-Laws that states candidates selected by the Nominating Committee shall be announced in the Winter issue of QCWA NEWS. There was no time for this operation. Accordingly, that requirement has been waived for 1978 only..... Nominating Committee appointments as candidates will be announced by mail in the Hot-Line Report, as they become available, and in every instance with a minimum delay!

W5EJ

CANTON, OHIO CHAPTER

Henry McLaughlin, W8OYV, sent a notice of the November 11 meeting called for the Brown Derby, Sheaton Belden Inn...

The August meeting attendance was down a bit due to vacations. 34 attended, with Don Edwards, KA8ASX, who is with the Weather Bureau, providing a program on weather alertness. New Member Louis A Amstutz, W8YNL was welcomed....

A slate of candidates for Officer was requested for 1979.

It was reported that Nolan Walker, W8ADQ is still hospitalized...all wish him a speedy recovery.

-W8OYV

Tony Tamburino, K4BX displayed a fine collection pf pictures and articles dating back to his early years. The next Chapter meeting was scheduled for Nov. 14, 1978.

--W4HU--

there's a world of difference
in TEN-TEC's *all-new*
hf transceiver—

OMNI



OMNI—THE ALL-INCLUSIVE. Because OMNI has it *all*. Designed to give you every advantage, every capability, whatever your operating specialty. Designed to give you new conveniences and new levels of performance. Designed to give you the world of Amateur Radio with a world of difference—the OMNI world of unique features. An unusual combination not found in any other.

FUNCTIONAL STYLING. The “look” you requested. “Clamshell” aluminum case clad in textured black vinyl. Complementary nonreflective warm dark metal front panel. Extruded satin aluminum trim bezel and tilt bail. Convenient controls. Fully shielded. And everything in a larger, easier-to-use size: 5¼”h × 14¼”w × 14”d.

TOTALLY SOLID-STATE. Sharing the TEN-TEC heritage of solid-state design leadership with its companion transceivers, the highly successful 540/544, OMNI has all the advantages of proven solid-state technology—reliability, long life, cool performance, better stability.

8-BANDS. The world now and in the future. OMNI covers 160, 80, 40, 20, 15, and 10 meters now (crystals included for all present Amateur bands, 1.8-30 MHz). And it has convertible 10 MHz and “AUX” band positions for the future.

BROADBAND DESIGN. Permits changing bands without tune-up, without danger of out-of-resonance damage to the final stage.

ANALOG OR DIGITAL READOUTS. OMNI-A features an analog dial with 1 kHz dial markings. OMNI-D has 0.43” LED readouts with the 5, most significant in red and the 6th in green to show 100 Hz increments.

BUILT-IN VOX AND PTT. Smooth VOX action with 3 easy-to-adjust front panel controls. PTT control is available at both front and rear panel jacks; an external microphone switch may be used.

BUILT-IN SQUELCH. Unusual in an hf rig, but handy for tuning or monitoring for a net or sked.

BUILT-IN 4-POSITION CW/SSB FILTER. 150 Hz bandwidth with 3 selectable skirt contours for optimum CW reception.

8-POLE CRYSTAL FILTER. 2.4 kHz bandwidth, 1.8 shape factor.

SEPARATE MODE SWITCH. Permits using *all* filters in *any* mode.

2-SPEED BREAK-IN. Switch to “fast” or “slow” receiver muting to accommodate any band condition or mobile operating.

2-RANGE OFFSET TUNING. Switch-select the ±5 kHz range for off-frequency DX work or the ±0.5 kHz range for fine tuning.

OPTIMIZED RECEIVER SENSITIVITY. Ranges from 2 uV on 160 m to 0.3 uV on 10 m (10 dB S+N/N) to achieve ideal balance between dynamic range and sensitivity.

GREATER DYNAMIC RANGE. Typically exceeds 90 dB to reduce possible overload from nearby stations. Also includes switchable 18 dB PIN diode attenuator for additional overload prevention.

WWW RECEPTION. On the 10 MHz band switch position.

FRONT PANEL CONTROL OF LINEAR/ANTENNA BAND-SWITCHING. Auxiliary bandswitch terminals on back panel for simultaneous control of external relays or circuits with the OMNI bandswitch.

BUILT-IN PHONE PATCH JACKS. Provide interface to speaker and microphone audio signals for phone patch connection.

BUILT-IN “TIMED” CRYSTAL CALIBRATOR. In the OMNI-A a pulsed 25 kHz calibrator desensitizes the receiver and provides an automatic 5 to 10 second “on” time for easy two-hand dial skirt adjustment.

BUILT-IN ZERO BEAT SWITCH. Permits placing your transmitted signal exactly on the listening frequencies of CW stations.

BUILT-IN SWR BRIDGE. The “S” meter electronically switches to read SWR every time you transmit to provide a continuous antenna check.

FRONT PANEL MICROPHONE AND PHONE JACKS.

ADJUSTABLE AUTOMATIC LEVEL CONTROL. For setting output power level from low power to full output, for retaining low distortion at desired drive power to linear amplifier.

SEPARATE RECEIVING ANTENNA CAPABILITY. Rear panel switch and jack connect receiving section to common antenna or separate receiving antenna. Also acts as receiving antenna by-pass when used with instant break-in linear amplifiers.

BUILT-IN ADJUSTABLE SIDETONE. Variable pitch and volume.

DUAL COMPRESSION-LOADED SPEAKERS. Larger sound output, lower distortion, no external speaker needed.

POWER INPUT. 200 watts when used with 50 ohm load. Proven, conservatively-rated, solid-state final amplifier design with full warranty for first year and pro-rata warranty for 5 additional years.

100% DUTY CYCLE. Ideal for RTTY, SSTV, or sustained hard usage.

PLUG-IN CIRCUIT BOARDS. For fast, easy field service.

POWER. Basic 12 VDC operation for convenient mobile use; external supply required for 117 VAC operation.

OPTIONAL ACCESSORIES. As all-inclusive as OMNI is, there are a few options: Model 645 Keyer, 243 Remote VFO, 248 Noise Blanker, 252M Power Supply.

Model 545 OMNI-A \$899 Model 546 OMNI-D \$1069

Experience the world of difference of OMNI, see your TEN-TEC dealer or write for details.



TEN-TEC, INC.
SEVIERVILLE, TENNESSEE 37862
EXPORT: 5715 LINCOLN AVE., CHICAGO, ILL. 60646



- 1 Receiver RESONATE control for peak sensitivity.
- 2 Receiver Dual Range OFFSET TUNING control for off-frequency work.
- 3 ZERO BEAT switch; spring-loaded, momentary contact.
- 4 6-Digit LED FREQUENCY READOUT for 100 Hz accuracy.
- 5 OFFSET TUNING LED indicates OT switch is “on”.
- 6 MAIN TUNING KNOB; big, easy-to-grip with integral spinner.
- 7 AUTOMATIC LEVEL CONTROL LED indicates ALC-region operation.
- 8 Combination “S” and SWR METER; switches automatically.

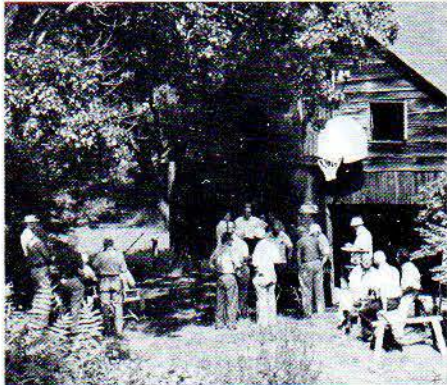
- 9 Combination ALC control and NOISE BLANKER on/off switch.
- 10 DRIVE control for final stage.
- 11 SQUELCH combination on/off switch and control.
- 12 4-Position SELECTIVITY switch for SSB and CW.
- 13 4-Position MODE switch; automatic SSB Normal, Reverse, CW, and Lock (key down).
- 14 Combination push-pull POWER switch and AUDIO LEVEL control.
- 15 Combination RF ATTENUATOR on/off switch and control.
- 16 VOX GAIN control.

- 17 VOX DELAY control.
- 18 VOX ANTI-TRIP control.
- 19 11-Position BAND SWITCH.
- 20 MICROPHONE jack; hi-z input.
- 21 HEADPHONES jack.
- 22 RECEIVER OFF-SET TUNING SWITCH; 3-position: Max-Min-Off.
- 23 VOX-PTT SWITCH.
- 24 QSK (full break-in) SWITCH; 2-position: Fast-Slow.

BALTIMORE MARYLAND CHAPTER

Clay Sandhofer, Secretary reported on the Fall Picnic, held September 9. In the picture below can be seen a bunch of the gang who took part.

As usual, the Picnic was held at the QTH of Cam Marie, W3EPR. More than 50 members and friends were present..



What makes me mad is that I was right there, could have attended....working on WBAL Radio which must have been a very close location to Cam's Place... -W5EJ-

BEAVER STATE CHAPTER

Dick Fox, W7EFS, Secretary, wrote of Chapter activities and of the Chapter Logo reproduced below. Letter-heads for members have been printed and are really fine. The art-work was done by Rollie W. Emerson, W7NQT. Jim Walsh, President of the Chapter reproduced it for us.



We think we'll call him "Chips." We have urged Chapters to establish Logo identification for themselves, and we are certainly proud of the Beaver's..

Chet Voorhees, W8BIF wrote, "thanks to all who had a hand in writing the Grebe Story. I lived in Irvington, NJ in those days and had a radio repair shop in the rear of a music store.... Along with many other brands, we had occasion to work on Grebes!"

George Hart, WINJM, Communications Manger, ARRL, provided W9YBV with information on T. R. McElroy, requested in the last NEWS. Tnx, George!

NEW MEMBERS

There have been quite a number of requests that Headquarters get on the ball and provide Chapter Officials with a notice of new Members of QCWA in their areas. We have resisted making a choice of Chapters for new members simply because we were not certain of the members location, travel routes and preference.

After some good shoves by Paul Wiegert, W8TH; Harry Gartsman, W6ATC; George Apfel, W2GHV and Art Miligan, W8KW, a complete listing of all new members enrolled since the previous Journal will be published each issue. The listing will be by membership order. This first listing begins with June 1, 1978

06-01-78	12,326	Otto Blankenhorn	DJ1TC	Pforzheim, Germany
	12,327	Eulerich Heino	DL9CC	Gernsback/Baden, Germany
	12,328	Harold L. Passenger	W3LOD	Oil City, Pa.
	12,329	Walter S. Hanowell	W7ANK	Nooksack, Wa.
	12,330	P. E. Cooper	N6EY	Carmel Valley, Ca.
	12,331	Harold N. Dawson	WB70TY	Tacoma, Wa.
	12,332	Francis H. McCann	W7AJQ	Portland, Or.
	12,333	Henry H. Townes	W4ALK	Augusta, Ga.
	12,334	Frank W. Maul	W6ZYR	Fresno, Ca.
	12,335	Hazel Mae Keefer	WA7KHD	Salem, Or.
	12,336	James E. Keefer	W7KD	Salem, Or.
	12,337	Melvin E. Lewis	W7IJH	Lyons, Or.
06-02-78	12,338	Frank B. Hotard	W5BLP	Russellville, Ak.
	12,339	James O. White	WAQLTP	Crookston, Mn.
06-05-78	12,340	Randy Woelk	WQDSY	Beloit, Ks.
	12,341	Joseph E. Kloiber	W8NBX	Livonia, Mh.
06-06-78	12,342	Quentin R. Engwall	WQINW	Courtland, Ks.
06-07-78	12,343	Michael Hudgens	W6YQ	Los Angeles, Ca.
	12,344	Joan Klenk	W2CJA	Kenmore, NY.
06-09-78	12,345	Jesse M. Wilson	W8LDQ	Canton, Oh.
	12,346	Louis Amstutz	W8YNL	Orville, Oh.
	12,347	Walter J. Kornacki	W1YOC	Norwich, Cn.
	12,348	Jack Shelton	W5IQM	Baton Rouge, La.
	12,349	Gus N. Tourges	K7VAU	Tucson, Az.
	12,350	Morgan E. McMahon	NGVY	Rolling Hills Est., Ca.
	12,351	Gunther Hans-Peter	DL9XW	Nordhorn, Germany
	12,352	Heribert Kamps	DL9YP	Erkraths, West Germany
	12,353	Herbert Osmers	DL1KL	Bremen, West Germany
	12,354	Friedrich Opel	DL6CA	Bayreuth, West Germany
	12,355	Friedrich O. Schmidt	DL7CT	Witzenhausen, Germany
	12,356	Leland Morgan	W5FM	Baton Rouge, La.
06-12-78	12,357	Emerson F. Dietz	W2QCS	Buffalo, NY.
	12,358	Robert A. Johnson	AA4L	Raleigh, NC.
	12,359	Bert Ryland	WD6DUT	Los Altos, Ca.
	12,360	Norman R. James	W2VEX	Kenmore, NY.
	12,361	William J. Scott	WB4PAK	Glendale Springs, NC.
	12,362	Hulon R. Byrne	W5PBA	Baton Rouge, La.
	12,363	Lloyd W. Thomas	W4PFV	Brooksville, Fl.
06-13-78	12,364	Marjorie C. Snow	W1V05	Farmington, Ct.
	12,365	Arnold E. Snow	W1VOV	Farmington, Ct.
	12,366	Carlin L. Peck	W8BTX	St. Petoskey, Mi.
06-14-78	12,367	Alfred O. Shaw	W5UYW	Houston, Tx.
	12,368	Charles W. Johnston	WQHGE	Scandia, Ks.
06-16-78	12,369	Vernon G. Kalivoda	WQIND	Belleville, Ks.
	12,370	Allen Fowler	WQUQD	Beloit, Ks.
	12,371	Ben R. Babin	W5ROQ	Duplessis, La.
	12,372	Jack C. Bricker	N4NB	Auburndale, Fl.
	12,373	William J. Tallon	W6IPM	Culver City, Ca.
	12,374	Ernest E. Nairne	K6HMA	Los Angeles, Ca.
	12,375	Henry M. Wilchek	WQOWE	Albuquerque, NM.
	12,376	Gustav A. Strandberg	W7QVY	Salem, Or.
06-19-78	12,377	John B. Schaerer	W7FPK	Eugene, Or.
	12,378	John H. Waller, Sr.	W5SJF	Baton Rouge, La.
	12,379	Clifton W. Bailey	K2LD	Attica, NY.
	12,380	Mort C. Dunsford	WQFLD	Sullivan, Mo.
	12,381	Roger L. Spauigh	W7FNJ	Coos Bay, Or.

QCWA NEWS

JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

NEW MEMBERS

06-20-78	12,382	Robert J. Bowman	WSZDW	Denham Springs, La.
	12,383	Donald H. Shipman	W8HSQ	Middleville, Mh.
	12,384	Nathaniel L. Cohen	W2LBI	San Diego, Ca.
06-21-78	12,385	Robert Warren	K1POM	Barrington, Ri.
	12,386	J. R. McEncroe	W6BFP	San Diego, Ca.
	12,387	Jess B. Strawn	W5ZWX	Tulsa, Ok.
	12,388	Robert B. Hicks	W5TKB	Plano, Tx.
06-24-78	12,389	Howard G. King	W4ZUP	Snefffield, Al.
	12,390	Sidney E. Rhodes	K4CBQ	Huntsville, Al.
	12,391	Elwyn B. Hazelwood	W5IUG	Baton Rouge, La.
	12,392	Robert Matthews	W6GTT	Lomita, Ca.
	12,393	Victor C. Besancon	N6PV	Ridgecrest, Ca.
	12,394	Wayne W. McElroy	W7TJJ	Medford, Or.
06-26-78	12,395	Byers D. Ericksten	WQOFR	Sabetha, Ks.
	12,396	William W. Kingsley	W7UVU	Eugene, Or.
	12,397	Hugh A. Lyon	WQCDQ	Sharon, ND.
	12,398	Felix Boizelle	W5DQ	Baton Rouge, La.
	12,399	William O. Eden	W7KXK	Eugene, Or.
	12,400	R. Ace Avakian	W5T2M	Roanoke, Tx.
	12,401	Robert F. Packard	W1OPK	Wareham, Ma.
	12,402	Lowell B. Rockett	W5ONM	Baton Rouge, La.
	12,403	Arthur V. DeGarmo	K2AGT	Liverpool, NY.
06-27-78	12,404	Thomas William Reed	VK6TR	Duncraig, West Australia
	12,405	Terence William Kelly	VK6TK	Bunbury, West Australia
	12,406	Vance Clack	W7AHZ	Eugene, Or.
	12,407	Carl Volz, Jr.	W3SMV	State College, Pa.
06-28-78	12,408	John F. Blair	W5BWG	Houston, Tx.
	12,409	Lee A. Benson, Jr.	W3FQE	Lutherville, Md.
	12,410	Edwin A. Pick	WQBBM	Concordia, Ks.
	12,411	Gil Kowols	W9BUB	Park Ridge, Il.
06-30-78	12,412	Fred J. Brunjes	K4KIK	Clearwater, Fl.
	12,413	Paul D. Hauser	K8BAT	Dayton, Oh.
	12,414	Theodore H. Raschick	WQRGT	Clitherall, Mn.
	12,415	Leslie A. Lines	K5SDF	Bosque Farms, New Mexico
07-03-78	12,416	John P. Mitchell	W5SBYP	Dallas, Tx.
07-04-78	12,417	Topsy Morgan	W5PDU	Baton Rouge, La.
	12,418	Raymond J. Bayer	W9QGR	Racine, Wi.
	12,419	Westley M. Chatellier	W5DPM	Baton Rouge, La.
	12,420	Ralph C. Warner	W8BYC	Spring Lake, Mi.
07-06-78	12,421	Gobe Vick	W4WAD	Huntsville, Al.
	12,422	Benjamin H. Oliver, Jr.	W3IWM	Bethesda, Md.
	12,423	Wayne M. Paarmann	WQGNJ	DeWitt, Io.
	12,424	Thomas D. Birrell	VE7ALX	Kimberley, BC.
	12,425	Paul T. Parker	W5LKQ	Baton Rouge, La.
	12,426	T. F. Cummings	JE3XR	Brampton, Ont.
07-07-78	12,427	Richard S. O'Brien	WB2JEZ	Briarcliff Manor, NY.
	12,428	Philip E. Smith	W7BFX	Waldport, Or.
	12,429	Donald M. O'Brien	W3HJB	Washington, DC.
	12,430	William M. Miller	K6DQ	Coronado, Ca.
07-08-78	12,431	Ken Jumonville	K5BES	Gibson, La.
	12,432	Bennie L. Stewart	W5FHK	Portland, Tx.
	12,433	John B. Stewart	W5VVT	Portland, Tx.
07-10-78	12,434	Raymond E. Stone	W5RBO	Anna, Tx.
07-11-78	12,435	John H. Fearon	WA6DWP	Glendora, Ca.
	12,436	Berry J. Albright, Jr.	W70JA	Central Point, Or.
	12,437	Wataru Murai	JA3BX	Wakayama City, Japan
	12,438	Louis J. Meyer	K2GDL	Amherst, NY.
	12,439	Ray E. Morrow	W7AWE	Salem, Or.
	12,440	Norman D. Johnson	WQAMJ	Salina, Ks.
	12,441	George S. Gadbois	W3PEY	Lancaster, Pa.
	12,442	Stan Hails	W9ZGV	Cicero, Il.
07-13-78	12,443	Daniel P. Detwiler	N6HB	Bakersfield, Ca.
	12,444	Bob Sarquis	W6KCA	Sunnyvale, Ca.
07-14-78	12,445	Gilbert L. Rich	W8HIN	Alto, Mi.
	12,446	John T. McCorriston	VE3DAY	Scarborough, Ont. Canada
07-17-78	12,447	Joseph P. Cillo	W9USK	Chicago, Il.
	12,448	Robert J. Cushing	W1HOU	East Candia, NH.
	12,449	Lewis R. Tower	W2HJG	Oxford, NY.
	12,450	William T. Montgomery	VE3EC	Burlington, Ont. Canada

Bert Gunn, W5FU, Chief Op of the mid-west's most famous QCWA Sunday morning on-the-air meeting, delivered the following good advice while chairing the QCWA Breakfast at TEXOMA, Oct 29.

I'd Like Them Now!

When I quit this mortal shore,
and mosey 'round this World no more,
Don't weep - don't sigh - don't sob.
I may have struck a better job.

Don't go and buy a large bouquet,
for which you'll find it hard to pay.
Don't mope around and feel all blue -
I may be better off than you.

Don't tell the folks I was a Saint
or any old thing that I ain't.
If you have jam like that to spread,
Please hand it out before I'm dead.

If you've red roses, bless your soul,
just pin one in my buttonhole
While I'm alive and well today.
Don't wait until I've gone away.

The Houston, San Antonio and

The Houston, San Antonio and Austin Chapters of QCWA had a joint picnic & outing at LaGrange, TX. The meeting was attended by a good sized gang, a few of whom are pictured below.



L-R are: W5EJT, W5AET, K5DB, W5BE, W5NC, N5RA W5UNE. pix by W5KQG

A nice letter from Denzil Scott, W6BTM commented on his early day QSO-ing with 6AM...before my recollection when Don had the call 60C (1915). He commented too on the cathedral speaker cabinet, popular in the '20s. Sure glad to hear from you Scotty....write again when you can!

Jim Rubens, W9MPE, wrote with a very fine idea on some items of interest.. A yearly meeting patch and a special pin given for attendance at the annual meeting. Thanks for the ideas.... I hope you'll see some of them soon, Jim..

Nothing is easier than fault-finding; no talent, no self-denial, no brains, no character are required to set up in the grumbling business. Robert West

QCWA NEWS

JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

NEW MEMBERS

	12,451	Kit Carson	W3VMN
	12,452	Wilbur Harrison	W7PES
	12,453	Hamilton L. Cox	WQYJE
	12,454	John H. Vivian	K2BCX
	12,455	Leonice R. Woodard	W1ZEN
	12,456	H. Winton Hamill	W1RDF
07-18-78	12,457	Don K. Johnson	W5PYA
	12,458	John Alan Furze	VK2HF
	12,459	Geoffrey V. Hume	VK2VR
	12,460	Werner F. Brill	DL9YC
	12,461	Gruenberger Ludwig	DL6KQ
	12,462	Johannes Pagels	DL1MG
	12,463	Rechl Heribert	DL1MD
	12,464	Helmut Poestges	DL6VL
07-20-78	12,465	William R. Potts	W7FJY
07-21-78	12,466	Mack C. Jones	AA4BJ
	12,467	William L. Goforth	W5URR
	12,468	Eddy Shell	W5ZBC
	12,469	Lewis H. Goode	W5KUM
	12,470	Jean Hawkins	VE3BVJ
	12,471	W. J. Hawkins	VE3BXQ
	12,472	George W. Atkinson	WB7EDT
07-24-78	12,473	Charles N. Mack	WQKVZ
	12,474	Leonard Barr Fox	XE1IIIO
	12,475	Samuel G. Daigre	W5ACY
	12,476	Kenneth L. Johnston	W7LIX
07-25-78	12,477	Willie R. Kretschmer	W9SLJ
	12,478	Frank Piskur	K7FP
	12,479	Robert H. Amos	W8NTQ
	12,480	William L. Hayes, Jr.	W4ABM
07-28-78	12,481	Howard B. Johnson	W4IIG
	12,482	Fenton B. Smith	W5GEF
07-30-78	12,483	John R. Van Son	WB5NWE
07-31-78	12,484	Karl H. Hille	DL1VU
	12,485	J. Warren Aubin	K5DVQ
	12,486	W. L. Bill Shields	W7KWR
	12,487	John D. Alexander, Jr.	W5VMY
	12,488	Harold W. Hutchinson	W5ADM
08-01-78	12,489	Kenneth D. Smith	W7JQE
	12,490	William A. Vorisek	W7LCD
	12,491	Albert D. Barnes	W6BDZ
	12,492	William G. Hessler	W8DXT
	12,493	Charles Rogers	W8ZKX
	12,494	Donald S. Krehbiel	W7PLF
08-02-78	12,495	Charles R. Svoboda	WQCR
	12,496	Ward Harwood	W9QCD
08-03-78	12,497	Tom G. Banks, Jr.	W5HJ
	12,498	Stanley J. Briggs	W8MPD
08-07-78	12,499	Joe E. Stevens	W5SBE
	12,500	Gilbert Crumrine	W7KRT
08-08-78	12,501	Jerrel B. Jones	W5TUU
	12,502	Fran Miller	W5SNL
	12,503	Ernie Miller	W5SNM
	12,504	Charles R. Strang	W6VRR
	12,505	Kirven R. Humphries	W4SMI
	12,506	Edward J. Clerkin	K6CNI
08-09-78	12,507	Harold E. B. Shea	W4BKC
	12,508	Reuben Sinner	W7QII
08-10-78	12,509	James W. Stuckey	W5ZJO
	12,510	Gene P. Scarbro, Sr.	K4GBR
08-14-78	12,511	Frank W. Hogan	W4SNR
	12,512	John R. Stanesic	WQCEM
	12,513	Daniel A. Krupp	W8NWF
	12,514	John S. Bazzell	W5AFR
	12,515	Paul D. Lieb	KH6HME
08-15-78	12,516	Harvey S. Moore	WA6KMN
	12,517	Margaret E. Moore	WB6JVL
	12,518	Lawrence Kaczmarczyk	W3UQW
	12,519	Walter L. Daniels, Sr.	W5SGL
	12,520	Spencer M. Allen	KQREC

Eugene, Or.
Denver, Co.
Hartsdale, NY.
Marlboro, Ma.
Naples, Fl.
Tulsa, Ok.
Killara, Australia
Pymble, Australia
Wesel-Fluren, Germany
Muenster, Germany
Pensberg, Germany
Munich, Germany
StraBe, Germany
Albany, Or.
Dunedin, Fl.
Baton Rouge, La.
Bossier City, La.
Baton Rouge, La.
Milton, Ont. Canada
Milton, Ont. Canada
Dexter, Or.
Omaha, Ne.
Omaha, Ne.
Cuernavaca, Mexico
Plaquemine, La.
Avon, Mt.
La Grange, Il.
Seattle, Wa.
Mechanistown, Oh.
Lumberton, NC.
Alexandria, Va.
Baker, La.
Richardson, Tx.
Lenggries, Germany
Baton Rouge, La.
Amelia, La.
Shreveport, La.
Bossier City, La.
Tucson, Az.
Newberg, Or.
Ventura, Ca.
Cuyahoga Falls, Oh.
Akron, Oh.
Battleground, Wa.
Chapman, Ks.
Crescent City, Il.
Ardmore, Ok.
Trenton, Mh.
Dallas, Tx.
Cheyenne, Wy.
Plano, Tx.
Ardmore, Ok.
Ardmore, Ok.
Lake San Marcos, Ca.
Florence, SC.
San Luis Obispo, Ca.
Sanford, Fl.
Granger, Wa.
Baton Rouge, La.
Powell, Tn.
Fairfax, Va.
Junction City, Ks.
Whitehall, Mh.
Longview, Tx.
Pahoa, Hawaii
Santa Maria, Ca.
Santa Maria, Ca.
Mahanoy City, Pa.
Gulfport, Ms.
Cocoa Beach Fl.

HELP! Someone, how do you pronounce the word Schoharie (NY)? From Ralph Yeandle, W2IK, who resides at the a-forsaid city, wrote a fine letter.... "I'm long overdue in sending praises for QCWA News. It kinda takes my mind off old age fer a spell, though weekly massacres around here every Saturday night jest show there are a few wild Indians left here from days of yore.

I liked the roster of Chapters, sorry to find the deletions. I have a few friends in Mohawk Chapter, but maybe they ain't paid up yet--I dunno. A bunch of good guys though, so I hope they get the books in order.

As fer contests, I just don't have any use fer them...I'm too old, and I lose too much sleep with them. The last I I was in was so many years ago the report was lost by the pony express!

I liked the photo of Eurnice, W1MPP, on page 46. What a lovely error, so descriptive of the picture of her.... The callbook must be wrong as she is listed as Eunice.

Your picture is fine and it looks like you been raised on Texas Tea...My regards to Lew Sieck who likely doesn't remember me from his Guggenheim days. I tracked down his whereabouts fm his lovely XYL on the west bank-Wash, DC, that is.

73's to all, keep up the FB work.... QCWA does wonder in keeping us up with old friendships and jogging our memories..." Ralph, W2IK, #4848!



Pictured above, Beth Taylor, as she sports her QCWA shoulderpatch. Beth, W7NJS, has been named National Publicity Chairman for the Northwest Chapter!

People can be divided into three groups; those who make things happen, those who watch things happen, and those who wonder what happened.

John W. Newbern

NORTHWEST CHAPTER NEWS

Sully, W7AGV, who was elected Chairman of the NW Chapter in June, made a two month trip around South America on a Grace-Prudential ship as Radio Officer, and contacted several QCWA Members on his way. After his return he asked Roy Devish, W7AZI, Vice Chairman to act as Chairman the balance of the year, as he anticipates more trips...

Our Chapter is active locally, and holds three nets each Sunday. 3655 at 0830, W7LCQ as NC; 3955 at 12, W7MCW as NC; 3955 at 1500, W7AZI as NC. On the first Sunday of each month through the winter, a Board meeting is held at 0930 on 3955...all times are local!

Section I dinner was held Nov 18 at the Blockhouse, near Seattle. Smitty, 27PPD, was appointed Section IV representative; Watch the NW bulletin.. it will announce the Portland meeting time and place. Special dates !!!!!

Centralia Dinner, April 28, 1979 at the Lewis & Clarke Hotel

The Big Annual gathering will be at the Holiday Inn, in Fife, just off I-5 on June 9, 1979!

Ed, W7HJU, 91 years young, will be missed on both the international and local QCWA net, where he has been a faithful participant. He recently moved into Calaraoga Terrace, where he is only on 2 meters.

Those members fortunate to have attended the QCWA National at San Diego thoroughly enjoyed the meetings, the luncheon and fellowship. All members of NW Chapter are urged to send their dollars to W7PN, Secretary, to insure that they receive the Bulletin needed to get local news and late updates on Chapter events.

-W7NJS-

CENTRAL VALLEY CHAPTER

L. W. Brammer, W6BYH, wrote giving us info on Activities. A meeting set for November 12, and election of Officers going on as we write here on Nov. 18. 45 eligible members of the Chapter on the rolls, were sent ballots. Should be pretty easy to get that other five and the Banner!

Three new members in the Chapter were listed: Jack, K6ACA; Franklin, KA6BTB and Ed, K6DT.

One excellent feature of the Chapters News is it's thumbnails section. This features short biographic material on members...real good stuff!

WE HAVE BEEN PLACED ON THE MAILING LIST OF LERC AMATEUR RADIO CLUB BULLETIN...PUBLISHED BY LOCKHEED EMPLOYEE'S RECREATION CLUB. IT IS REALLY A FINE PUBLICATION, WE THANK THEM FOR A LOT OF GOOD READING!

NEW MEMBERS

08-30-78	12,521	Kerr John Henry	W5UDJ	Zachary, La.
	12,522	Jack T. Shepherd	W8OMY	Columbus, Oh.
	12,523	Francis P. Opalko	W3OUG	Myrtle Beach, SC.
	12,524	John P. VanDuyne	W1COA	Easton, Ct.
	12,525	Roy Kruchten	WQMQA	Minneapolis, Mn.
	12,526	John F. Driscoll	W2SSC	Buffalo, NY.
	12,527	Bill Clark	W6KRO	Fresno, Ca.
	12,528	Arthur R. Richards	WB4RRE	Leesburg, Fl.
	12,529	Roland J. Hochhalter	W7UTL	Salem, Or.
	12,530	M. D. Cain	W5QIA	Baton Rouge, La.
	12,531	Jon Cornelius	W5PHD	Lawton, Ok.
	12,532	Sydney W. Shaw	W9GCX	New Lenox, Il.
	12,533	Philip T. Martino	WD6FNC	Redondo Beach Ca.
	12,534	Alvin M. Hogden	W9FIO	Ettrick, Ws.
	12,535	Philip P. Spencer	W5LDH	New Orleans, La.
	12,536	Jay F. Teed	W7UIU	Salem, Or.
08-31-78	12,537	Herbert Asmussen	DJQSB	Munich, West Germany
	12,538	F. Earle Webb	WQHYC	Overland Park, Ks.
	12,539	Herman C. Knief	W2YTO	Ramsey, NJ.
	12,540	Ronald S. Levy	K2AIO	Morris Plains, NJ.
	12,541	Ralph V. Rickett	W8BTW	Worthington, Oh.
	12,542	Louis J. Martin	W4FZC	Sheffield, Al.
09-01-78	12,543	Dave Poole	KB5AY	Denham Springs, La.
	12,544	John O'Connor	W2OXB	Cherry Creek, NY.
	12,545	Robert L. Quinn	W3SYR	McKeesport, Pa.
	12,546	Herbert R. Timberlake	W5TQI	Dallas, Tx.
	12,547	Charles R. Littlewood	K4HF	Raleigh, NC.
	12,548	Frank Tschappat	W8MEA	Columbus, Oh.
	12,549	Michael O'Hara	K2ENH	Buffalo, NY.
09-05-78	12,550	Joseph F. Munizza	N5ACG	Richardson, Tx.
09-06-78	12,551	L. Elmer Sanders	W5HKJ	Kentwood, La.
	12,552	William Q. Peters	W0OLM	Griswold, Io.
	12,553	Eugene R. Leach	W6OLL	San Ramon, Ca.
	12,554	Wendell D. Kincaid	W1GCM	Litchfield, Me.
	12,555	Richard W. Hewer	W4RAJ	Huntsville, Al.
	12,556	Paul A. Turner	W1DLP	Largo, Fl.
09-07-78	12,557	Robert J. Templin	W8ZSX	Birmingham, Mh.
09-08-78	12,558	Jack Goff	W8JKF	Bay City, Mi.
	12,559	Don Haskell	W7CL	Hurricane, Ut.
	12,560	Stan R. Ball	W0DDV	Nevada, Io.
	12,561	Jack Bolton	VE3LM	North Bay, Ont. Canada
	12,562	Eldred M. Smith	W6EQJ	San Diego, Ca.
	12,563	Earl E. Burdick	WB7UIR	Salt Lake City, Ut.
09-12-78	12,564	James H. Ware, Jr.	W5HGP	Baton Rouge, La.
	12,565	Harold E. Wallis	W7CDC	Camano Island, Wa.
	12,566	Edward H. Shuler	K6DT	Bakersfield, Ca.
	12,567	Jack Frankel	K6ACA	Bakersfield, Ca.
	12,568	Louis O. Myrmel	W8FDX	Muskegon, Mh.
	12,569	J. C. Bullock	W5GXO	New Orleans, La.
	12,570	James B. French	W6PLL	Encino, Ca.
	12,571	David N. Parks	W5SOP	Pride, La.
	12,572	Shahane R. Taylor, Jr.	W4PFG	Greensboro, NC.
09-14-78	12,573	Wilbur T. Golson	W5CD	Baton Rouge, La.
	12,574	Rudy Stefanek	W6OQW	Badger, Ca.
	12,575	Robert R. Morgan	W7UNV	Corvallis, Or.
09-21-78	12,576	Wolf Gutmann	DL3WG	Thomas-Mannstr., Germany
	12,577	Willy Fischer	DL1AG	Muenster, West Germany
	12,578	Johannes Pollak	DJIGH	Gelsenkirchen, Germany
	12,579	Joseph G. Fleniken	K5MMV	Baton Rouge, La.
	12,580	Isaac J. Savole	W5SWS	Houma, La.
	12,581	Herbert R. Sweet	K2GBH	Hyde Park, NY.
	12,582	Colin E. Ambrose	W4JNS	Madison, Al.
	12,583	George B. Suhrie	K4GON	Hendersonville, NC.
	12,584	W. L. Howell	W9TSS	Baton Rouge, La.
	12,585	S. Francis Williams	W6MIR	El Cajon, Ca.
09-22-78	12,586	Charles M. Wilson	W5ZKM	Dallas, Tx.
	12,587	James Leonard	W4FPS	Zirconia, NC.
	12,588	Grant Patton	W5GPJ	Berwilk, La.
	12,589	James L. Preston	W5NDB	Houma, La.
	12,590	Floyd L. Barbay	W5QKL	Baton Rouge, La.

QCWA NEWS

JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

NEW MEMBERS

	12,591	Ernest A. Avery	W5SRV	Zachary, La.
	12,592	Fred Cable	VE3BFW	Toronto, Ont., Canada
	12,593	Francis E. Rhodes	W5OUD	New Orleans, La.
09-25-78	12,594	Robert W. Turner	W5APN	Dallas, Tx.
	12,595	Arthur M. Albert	K2ENT	Oceanside, NY.
	12,596	Raymond W. Andrews	K4FEI	Lakeland, Fl.
	12,597	Antonio Cruz Uribe	XE1BT	Green Bay, Ws.
	12,598	Bill Unthank	WB6PHS	Homeland, Ca.
09-26-78	12,599	Edward S. Read	WA1HCK/TG4	Guatemala, CA.
	12,600	Keith D. Pugh	W5IU	Fort Worth, Tx.
	12,601	John J. D'Luhy	K2EXI	New York, NY.
	12,602	Martin E. Schreiber	WB5FCE	Baton Rouge, La.
	12,603	J. W. Wicks	VE7AKF	Victoria, B. C.
	12,604	Fred J. Albert, Jr.	W1GME	Jackson, NH.
09-27-78	12,605	Carol W. Beasley	W0MMZ	Des Moines, Io.
	12,606	William R. Norris	W4NTN	Jensen Beach, Fl.
	12,607	Harry L. Viosca, Jr.	W5OSD	Mandeville, La.
	12,608	Ronald G. Day	W2KEN	West Caldwell, NJ.
09-28-78	12,609	Strubbe McConnell, Jr.	W5DZL	Baton Rouge, La.
09-29-78	12,610	John Wong	K6JE	Salinas, Ca.
10-03-78	12,611	Keith Flanagan	W6RIR	Lebanon, Or.
	4,412*	James D. McLean	W6BMC	Riverside, Ca.
	12,612	W. A. Theeringer	W8PEY	Goleta, Ca.
	12,613	Bill Wells	VE3HW/W6	Azusa, Ca.
	12,614	Jerry Burkhead	N6QA	San Diego, Ca.
	12,615	G. C. Floyd	WA4CLC	Lithia Springs, Ga.
	12,616	Albert Switzer	W5GAL	Baton Rouge, La.
	12,617	Howard S. Wayman	W9GVA	Chicago, Il.
10-06-78	12,618	Gary Blake Jordan	WA6TKT	San Jose, Ca.
	12,619	Earl L. Eggers	W7EZ	Eugene, Or.
10-07-78	12,620	Benjamin E. Doyle	K4SVC	Murfreesboro, Tn.
10-10-78	12,621	Harold M. Ruff	W9ZFU	Marinette, Ws.
	12,622	Leslie B. Wells	K4FFN	Brandenton, Fl.
10-11-78	12,623	Bob Molitor	W0RVO	St. Cloud, Mn.
	12,624	George H. Kraus	W2LEI	Mountain Lakes, NJ.
	12,625	Jim Younglove	K4JQL	Zephyrhills, Fl.
	12,626	Howie Fox	W6SPY	Westminster, Ca.
10-12-78	12,627	Werner Franz	DL1VW	Holzkirchen, Germany
10-13-78	12,628	Bill Adams	W6BA	Palms, Ca.
	12,629	William H. Aspinwall	W9UGT	Madison, Ws.
	12,630	David J. Knowles	W4TTY	Oak Ridge, Tn.
10-17-78	12,631	Alfred Pacheco	KL7EKZ	Anchorage, Ak.
	12,632	Bruce H. Robideau	K2OY	Millbrook, NY.
	12,633	Emery Flinn, Jr.	N4DX	Carrollton, Ga.
	12,634	William A. Miller	WB2SXT	Glen Rock, NJ.
	12,635	Carter B. Smith	K6CWM	Tiburon, Ca.
	12,636	Franklin W. Scott	KA6BTB	Hanford, Ca.
	12,637	Durward H. Kirby	W0DLI	Grain Valley, Mo.
	12,638	D. E. Strong	W7IM	Port Orford, Or.
10-18-78	12,639	Howard A. Davis	W3VRT	Bethesda, Md.
	12,640	H. R. Conley	W5UY	Lafayette, La.
	12,641	Spencer W. Doty	K4AVS	Landrum, SC.
	12,642	M. L. Buchanan	W4DSU	Concord, NC.
	12,643	Gerald E. Burrows	W9WWD	Salem, Ws.
10-20-78	12,644	George V. Wischebrink	W2JSR	Uniondale, Long Island
	12,645	George W. Horton	W5SDH	Gulfport, Ms.
10-24-78	12,646	Paul W. Hinkle	W9HK	Hobart, Indiana
	12,647	Bill Sanders	W7DAA	Salem, Oregon
	12,648	William G. Davis, Jr.	W5AAI	Pottsville, Arkansas
	12,649	Archie F. Johnson	W7NGI	Deary, Idaho
	12,650	James C. French	W9BYU	Dundee, Illinois
	12,651	John R. Garing	W9EBW	Minooka, Illinois
10-25-78	12,652	Charles M. Currier	W1QKK	Rockland, Maine
10-26-78	12,653	William T. Hayes	W4AFD	Memphis, Tennessee
10-30-78	12,654	Walt Todd	W4JXI	Merritt Island, Florida
10-31-78	12,655	Balfour C. Wilkinson	W0MUN	Wichita, Kansas

ATLANTA CHAPTER

Wendell D. Cushing, K4VN, reported on the last meeting of the Chapter, held in November, 1977, as well as on the luncheon get-together of a group of QCWA members during the July, 1978 Atlanta Hamfest. A picnic was given at the home of Wendell, K4VN. Those attending (members of QCWA, wives were present, but not in pix) are shown below.



L-R, standing, N4UZ, K4VN, W4JWO, K4EZ kneeling, W4OX and W4JM.

During the meetings a 50 year Golden Certificate was awarded to K4EZ.

DAYTON/CINCINNATI CHAPTER

The Dayton/Cincinnati Chapter had their fall meeting on Thursday, Oct. 19, at the Imperial House South, Dayton. After dinner, enjoyed by 30 members and their ladies, we were addressed by our guest, Art Miligan, W8KW, QCWA Director, who reported on the San Diego meeting and fielded questions from the floor concerning the proposed Constitutional amendments and by-laws.

Then followed the annual election of new officers for the coming year. Those elected were:

John Schlueter, W8WYH, Chairman
Clarence Doty, W8CXM, Vice Chm
Tom Cornett, W8MC, Scty/Treas

The evening concluded with awarding of a number of useful door prizes.

-----Tom, W8MC
Eugene B. Etchells, W6OED, wrote commenting on Article I, Section 2 (f), of the Constitution. He feels that this must be modified, otherwise that we have given up too much for our non-profit status.

In view of the actions of the ARRL, I am of the opinion that we are not forbidden to participate in legislative matters, however, the wording of our constitutions appears to so restrict us. We are attempting to get a legal clarification of this matter.

QCWA NEWS

JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

QCWA - SUNCOAST CHAPTER

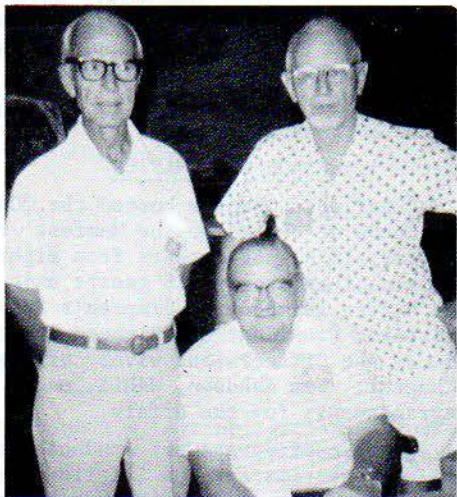
The snowbirds are arriving, with our November meeting attendance at 80, it looks like very large meetings to be expected this season.

We are sorry to report the passing of W4ZJ, Harris "Buzz" Lund, one of our members from Bradenton. Buzz joined the Silent Keys on Oct 11, 1978.

Lew Sieck, K4NE, gave a talk, showing why we should use the ballot received from QCWA National. With more than 8000 ballots mailed, only 400 had been returned. Florida, with 13 Chapters, more than 1200 members, had cast only 52 ballots by Nov. 1. We hope many of you voted and beat the deadline!

Art Miligan, W8KW, National Director, told of the QCWA Roster to be printed in 1979. It will have members by call-signs and by last name cross-indexed.

John Hume, WA8YCW, attended the luncheon and it was good to see him. John went through a serious operation and a series of treatments while up North and looks very good.



In the picture taken above, at the Davy Jones Locker Room, Oct 4, 1978, the Officers of Suncoast are shown, L-R are Carl Scharff, K4KGG, Secretary; Elmer Enke, K4YC, Treasurer; Charlie Whysell K4WZ, President.

(Pix by Cathy Soehl, W4BAV #12,699) Denzil Scott, W6BTM, commented on our story about W6AM (Vol 27, P 67). "You didn't go back far enough. In 1915-16 when I was a kid in Pomona, with my Model T Ford spark coil and two-slide tuner, Don was 60C in Long Beach with one of the finest spark signals there was around. I could not work him, of course, but I heard him many times...

A few years ago I saw Don at an SOWP meeting in Pasadena and reminded him of some of my old friends in Pomona.. He remembered all of them. 'Giant' is right."

Scotty, W6BTM

	12,656	John E. Mullen	K6CBL	San Francisco, Calif
	12,657	W. T. Leonard	WB5EIQ	League City, Texas
	12,658	Albert H. Mailer	W0DCQ	Omaha, Nebraska
	12,659	Olyn C. Crouch	W0RRS	Kansas City, Missouri
	12,660	Charles T. Byars	W5GPO	Wichita Falls, Texas
	12,661	Hans J. Kaufmann	W4GFZ	Columbia, S. C.
	12,662	Theodore J. Hoyle	WB7RQK	Rogue River, Oregon
	12,663	William P. Hackert	W2MTE	Schenectady, N. Y.
	12,664	Hugh Winter	W5HD	Albuquerque, N. M.
	12,665	Wid N. Johnson	W9DM	La Crosse, Wisconsin
	12,666	William J. Couch	VE7HC	Burnaby, B. C.
	12,667	Steve Robinson	W6TQE	Mission Viejo, CA.
	12,668	Jack Matthews	W4OWJ	Tequesta, Florida
	12,669	Catherine H. Soehl	W4BAV	Sarasota, Florida
11- 1-78	12,670	George I Purdy	W5HCC	Tokyo, Japan
	12,671	Hannes Koenemann	DL3DX	Hannover, West Germany
	12,672	Karl Wentker	DJ2BO	Muenster, West Germany
	12,673	Paul Lehmann	DJ2BM	Munster, West Germany
	12,674	Charles S. Bennett	W8AB	South Euclid, Ohio
	12,675	Don S. Nichols	W7IEO	Klamath Falls, Oregon
	12,676	O. H. Thornall	W6ZNL	Bakersfield, CA
	12,677	E. Reade Apgar	N7AGG	Olympia, WA.
	12,678	John A. Pinkerton	W5VF	Albuquerque, N. M.
	12,679	Joseph R. Chartier	W1RFE	Ocala, Florida
11- 2-78	12,680	Bill Rieveley	VE3AKV	Brockville, Ontario
11- 3-78	12,681	Walter S. Hill	N2HD	East Meadow, N. Y.
11- 6-78	12,682	Les Sharnan	VE3KTT	Ancaster, Ontario
	12,683	Jack W. Orsborn	W7LGE	Salem, Oregon
11- 7-78	12,684	James D. McMechan	W0PFP	Ames, Iowa
	12,685	George A. Burns, Jr.	W8NXE	Pontiac, Michigan
	12,686	Jabus Barker	KB2CA	Utica, N. Y.
	12,687	Charles H. Sappah	KL7PJ	Anchorage, Alaska
	12,688	Marjorie, C. Sappah	KL7YG	Anchorage, Alaska
11- 9-78	12,689	C. Milt Brooker	VE3AQY	Orillia, Ontario
	12,690	Philip Stern	WA4ZVO	St. Petersburg, FL
	12,691	John S. Kovac	W8IZF	Port Clinton, Ohio
11-10-78	12,692	Victor A. Woodling	W9JNH	East Peoria, Illinois
	12,693	Kenneth E. Allinson	K6CIL	Maysville, N. C.
	12,694	Florence R. Weber	KL7AZJ	Fairbanks, Alaska
	12,695	Lem Allen, Jr.	W7JMH	Boise, Idaho.
11-15-78	12,696	Dewey D. Emery	W8SL	Canton, Ohio
	12,697	Kenneth L. Frank	WB5AKI	Copperas Cove, Texas
	12,698	Selwyn M. Urband	W8OKW	Indian River, Michigan
11-17-78	12,699	Christa Elksnat	DJ1TE	Feldernnach, Germany
	12,700	John R. Halliday	W5PIZ	Albuquerque, N. M.
	12,701	Russell N. Staley	KL7AXZ	Anchorage, Alaska
	12,702	Doris E. Staley	KL7AYA	Anchorage, Alaska
	12,703	John Huber	KL7PE	Fairbanks, Alaska
	12,704	Don Skaife	W7ULA	Oakridge, Oregon
	12,705	Jerry Skaife	W7ULC	La Grande, Oregon
	12,706	W. Ralph Williams	W2CSN	Utica, N. Y.
	12,707	David T. Kreiss	W6ELH	Santa Maria, CA.
11-21-78	12,708	Harold K. Miller	AB8F	Vandalia, Ohio
	12,709	John F. Bailey	K2EVV	Trenton, N. J.
	11,710	Douglas E. Warner	K4EVB	Columbia, S. C.
	12,711	Robert E. Dansby	K4KOM	Wausau, Florida
	12,712	Stan Hails	W9WBL	Mundelein, IL.
	12,713	Anthony G. Alateras	W5USO	Houston, Texas
	12,714	J. M. Powell, Jr.	W5LHZ	Baton Rouge, LA
	12,715	Richard L. Wolfe	W8IKT	Akron, Ohio
	12,716	James L. Spencer	W0SR	Cedar Rapids, Iowa
	12,717	Mel B. Goodwin	W7IXG	Friday Harbor, WA.
11-27-78	12,718	James L. Troe	W2GRX	Morristown, N. J.
	12,719	L. R. Dobbins	N4AEV	Sevierville, Tennessee
11-28-78	12,720	John R. DuMez	W8IQF	Holland, Michigan

QCA NEWS

JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

11-29-78	12,721	Earle W. Smith	VE6NM	Grande Prairie, Alberta
	12,722	William H. Horton	W4BND	Chattanooga, Tennessee
	12,723	Jack Baker	K6APE	Bakersfield, CA.
	12,724	James W. Fraser	K5BVO	Ocean Springs, MS.
	12,725	J. B. Sims, Jr.	W6PWT	Corona, CA.
	12,726	Cal Sondgeroth	W9ZTK	Mendota, Illinois
	12,727	Keith W. Peterson	KA7BLW	Eugene, Oregon
	12,728	Thomas V. Winn	W3YAF	Philadelphia, Penn.
	12,729	Wolfgang Dattenberg	DL9TD	Ludwigshafen, Germany
	12,730	Heinrich Fickler	DL3TI	Hamburg, Germany
	12,731	Arthur Lottermoser	DL1SF	Lenaustrabe, West Germany
	12,732	Manfred Staar	DL3ZI	Lindenallee, W. Germany
	12,733	Ernst Steinkamp	DL6CT	Kiel, West Germany
	12,734	Wolfgang H. Eberlein	DL9GW	Pulheim, West Germany
	11-30-78	12,735	Wm. Merton Scott	W9WRL
12-4-78	12,736	Howard L. Findlay	KØBYC	Lenexa, Kansas
	12,737	G. Paul Gerbracht	W3QPP	Erie, PA.
12-5-78	12,738	Bob Herndon	W5URW	Mesquite, Texas
	12,739	Robert L. Stirk	W4CBK	Orlando, FL.
	12,740	John W. Ferguson	WØQWS	Independence, Missouri
	12,741	Robert Vitzelio	W6AEJ	Downey, CA.
	12,742	R. C. Wild	WD6FUE	Los Angeles, CA.
	12,743	Ida Joan Killels	K2CBS	Beach Haven, N. J.
	12,744	Walter Scheffe	W2LPA	Massapequa Park, N. Y.
	12,745	Robert F. Jones	W2OZT	Orchard Park, N. Y.
12-7-78	12,746	Herbert T. Wiley	W5CT	Sherman, Texas
	12,747	George E. Craft	K2BUH	Albany, N. Y.
	12,748	Lloyd Ernest Grant	W1GJZ	Pinellas Park, FL.

CENTRAL OHIO CHAPTER

On June 10, 1978, 60 members & guests gathered at the Longhorn Steak House in Reynoldsburg for a delightful evening. The social hour preceding the dinner allowed guests to intermingle & renew old acquaintances.

After the banquet, Mr. George Young, W8ZQX, assisted by remarks from his XYL, presented a very interesting travelogue of their trip into Mexico.

A brief business meeting followed the social function during which new Officers were elected for the 1979 term:

Dan Umberger, WSACQ, President
Wm. E. McPadden, W8CBL, Secy/Trea
-W8CBL-

CENTRAL OKLAHOMA CHAPTER

Ralph Rea, W5AA, gave us a copy of the November News....The Chapter has been able to get excellent attendance at the Sunday on-the-air meetings at 830AM, with W5DDI, W5EHR, W5LVQ, W5NL, W5OZE and W5TY having perfect attendance for the past three months.

Chapter dues are due, and George Holt, W5DDI, asked that members send in the funds as soon as possible! A request to vote in the Constitutional balloting was made also.

Election of Officers is due in January....two Chapter Directors and the Secretary/Treasurer posts will be filled. Ivan Miller, W5HFU chairs the nominating Committee.

W5AA

UPPER MIDWEST CHAPTER

The Chapter's October meeting was held at the Twins Motor Inn, with 46 members and visitors in attendance.

Visitors were introduced by Ed Wiik, President of the Chapter. The minutes of the last meeting were read, and information received from Headquarters was discussed.

Joe Pavsek, WØOEP, presented a slide & narration program on the large CN antenna in Toronto, Canada as well as slides on his antique radio collection.

Roy Kruchton, WØMGG, showed the Photo Album of the old timers and their old time equipment.

-WØLJT

ATLANTA CHAPTER

The Chapter held a Nov. 4, 1978 meeting with 24 in attendance. Membership accepted new By-Laws recommended as a result of the Committees work. A New slate of Officers were elected:

Al Roloff, N4UZ, President
Ham Smith, W4HL, Vice President
Ed Mitchell, W4JWO, Sec/Trea

Directors Ben Adams, K4EZ and Wendell Cushing, K4VN were affirmed.

Tom Kelly, K4IRD presented a talk on "Marisat" - a communications system for maritime vessels via satellite... developed by Scientific-Atlanta. The Saturday Net at 0900 will change to a new frequency - 3830 kHz.

-K4VN

SOUTHERN ONTARIO CHAPTER

The Chapter's August News arrived too late for inclusion in the fall issue of QCA NEWS...the boys have a truly fine bulletin, with much news of members activities and happenings.

The Chapter President, VE3QU, wrote "This is my first opportunity, since the May meeting, and I wish to thank all members for their support of the previous executive and the chance to serve you as President."

Congratulations to all those who have continued to brave the static and poor conditions to call in on our Sunday net, 3770 kHz at 1300 hours...on the average 12 to 15 check in for an hour of chit-chat. All members and non-members are welcome!

I was particularly pleased to meet some of our members at the Milton ham-fest. Our booth drew some attention and several members signed up on the spot were: VE3KVV; VE3BVJ; VE3BXQ; VE3DAY; VE3IXM and VE3EC.

Remember Bill Wells, formerly VE3ABF who has been a resident of Azusa for a number of years...he enjoys getting back for a visit with his friends. We ehlpd him make out his application for QCA Membership.....Los Angeles, Please note."

VE3QU

SPACEPORT CHAPTER

The Spaceport Chapter hosted the QCA luncheon at the Melbourne Hamfest on Sept 9, 1978. 32 members from eight Florida Chapters and 18 guests enjoyed a fine luncheon at Simpson's Smorgasbord. President Guy Blencoe introduced the Officers and wives of the Chapter. Sam Ashdown, W4HLX, made arrangements for the affair.

A regular meeting was not conducted to allow more time for fun & fellowship. Members of the various chapters were recognized and requested to present a bit of information on their Chapter's activities.

President Blencoe brought attention to the importance of voting on proposed Constitutional Changes! -Fritz, K4JFP

FLORALA CHAPTER

Al Corey wrote that not a great deal of activity was going on, but he expected some happenings soon. In line with our penchant for getting things mixed up, we had the Chapter's Vice-President incorrect in our last NEWS! The right man is:

Wm. P. Sides, W4AUP, VP

Hope to get a pix or two from Al soon and will let the gang see some of the boys from the FLORALA Chapter!

QCWA NEWS

JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

K. M. Casey, KL7GCH wrote a fine letter....among other matters he wrote a bunch of stuff, obviously false rumor material conceived by someone who has never lived in Texas...lest we be accused of biased reporting, we publish it, exactly as written...

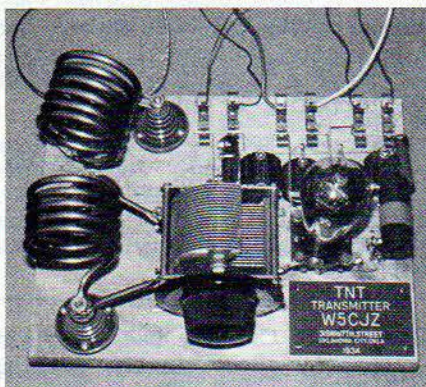
"Be advised that Alaska is one hell of a big state. We have 4 time zones here. Superimposed on the lower 48 makes the U. S. a real small place... We stretch out over 4000 miles in some directions. We have more coastline than the other 49 states combined....

It seems everyone thinks of Alaska as the small postage stamp you see in the corner of the map of the 50 states.."

All are advised to pay little heed to these ramblings, obviously from a man who has never visited Texas.. -W5EJ-

Favian Adair, W5FKE, who has been in a down to the wire fight with cancer has won his battle. We received his letter a short time ago bursting with enthusiasm! Favian, a Geologist Consultant, is also interested in flight and wrote asking if Charles Vincent... whose station was on QCWA Cover last issue, is related to Jesse G. Vincent who was one of the designers of the old Liberty Engine, for aircraft..... Perhaps Charles will read this story and write to Favian. Congratulations Favian...you're quite a man! W5EJ

John Carabin, W5GNX, wrote a letter & pointed out that the boys around that part of Texas were still active with get to gethers the first Saturday of every month...what's bad is that they sent a picture, which I was going to use and I can't find the darn thing.. John, can you send me another, or must I keep hunting?



In the picture above, a beautiful new "TNT" transmitter, constructed (and it works), by Barney Moffatt, W5CJZ.. (We're trying to get him to use it in the QSO Party!) W5EJ

BLUE RIDGE CHAPTER QCWA



The Blue Ridge Chapter held a meeting, August 9, 1978, attended by a goodly group of old-timers. Among other activities, Stark Totman, W4YB, was awarded his Golden Certificate and William S. Forsberg, K4UB, was presented with his 60-Year Certificate! In the photograph above all members are licensed 50 years or more, and are all active on the air. A group any Chapter could be proud to claim--L-R, seated are: Bob David, W4YK; Adriel H. Spaulding, WB4RXT; Asa W. Adkins, Jr., K4KV; Weldon W. Shows, W4OJ. Those standing are L-R, Robert J. Wood, K4WI; Robert L. Gougler, W4AVS; Robert K. Shepard, N4ZH William E. Symons, K4IH; Stark Totman, W4YB; John D. McLane, K4FTB; Harry J. Mills, K4HU. --W4OZN--

CITRUS CHAPTER

Secretary Summers, W4AR, reported on Chapter activities. Chairman Chalmers Stromberg, W4WLX, extends a welcome to visitors. Call him when in the Orlando area, at 303 295 2150 for instructions on how to find the meetings.

Luncheon meetings are held 3rd Saturdays at Sweden House on Lee Road, at Winter Park, 11:30AM.

Two new members are welcomed..Les Wildner, W4QW and Anthony Strimel, W4LEF...PAID UP membership is now 98!

Jack & Elsie Six, W4YPA, are back fm a trip to Carolina and report visits with many QCWA friends. Bob & Edith Ragsdale, W4AJX are visiting at Apple Valley, CA. Bill and Jeanne Waldo, W4PI, have returned from a trip to Switzerland. Arthur LaPlant, W4SRG, is back in harness after a long stay in the hospital...doing his turn as net control on 3955, Saturdays.

The Chapter Chairman, Stromberg, is putting together a memorabilia Book, having Chapter information for the future members! -W4AR

RAZORBACK CHAPTER NEWS

New Officers for 1979 were elected in the Fall meeting. We have received the picture below, of Leland W. Smith, W5KL, Chairman for the Chapter. Leland is a Brig. Gen. USMC, (Ret), and will be eligible for QCWA Golden Certificate soon.



QCWA NEWS

JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

EASTERN NEW YORK CHAPTER

The third annual dinner meeting and election of Officers of the Eastern New York Chapter was held at Veders Restaurant on the Albany-Schenectady road on Saturday, October 21, 1978, with 56 in attendance. The following were elected for a two-year term:

William J. (Newt) Barnes, W2GM, President
Daniel B Murray, W2PKY, Vice President
George L. Fuller, W2BSH, Secty/Treasurer

Howard S. Maguire, W2AAO, Joseph Battaglia, W2CPA, Leo M. Vashrow, W2ZPO, were elected as directors.

After a delicious Buffet dinner, Congressman Samuel S. Stratton, of the 28th New York District, member of the Armed Services Committee told the group of his recent trip to Soviet Russia and showed colored slides which he took while there. His most interesting talk was very well received and a question and answer session was held after the talk. Incidentally, Congressman Stratton was re-elected to his 11th term and is now Dean of the New York delegation in the House of Representatives.



The picture above, L-R, shows: Howard S. Maguire, W2AAO; Leo M. Vashrow, W2ZPO; Joseph H. Nolin, W2ZZD; Harry M. Harvy, W2BKW; Daniel B. Murray, W2PKY; William J. Barnes, W2GM and George L. Fuller, W2GSH. All Officers and Directors with the exception of Joseph Battaglia are shown. The picture was taken October 21, 1978.

We were fortunate to obtain a pair of WE 205-D tubes, in boxes new, ready to use...and the spec sheet to go with them. It has been many years since we had read the specs...and wanted to let you have the same enjoyment that we had.

COLORADO CHAPTER

Received a note from Luther Oldham, W0ZJ, Secretary of the Chapter. He is listed as the Hot-Line Member and will be receiving material, on activities, as well as sending news about what's happening in Colorful CO.

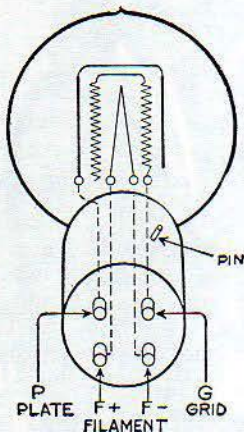
Stu Edmonds, W0GW, President, sends info that the Chapter's Sunday Morning Net meets at 10 AM, MST, at 3898, with Stu as net control. Check-ins are welcome. We'll be trying to make one of them in December!

CENTRAL VALLEY CHAPTER had a field day ribbing us about finally getting a notice in the NEWS. The Chapter is excited about election of Officers & was active in getting out the vote on the Constitutional Amendments. Looks like a new banner soon too. Leon, W6BYH is going a good job!

Art Miligan, W8KW, found the QCWA pin belonging to K6RIU, while in San Diego in September!

IMPORTANT READ CAREFULLY

WESTERN ELECTRIC 205-D VACUUM TUBE USED WITH 100-M VACUUM TUBE SOCKET



NORMAL FILAMENT CURRENT	1.60 AMPERES (SEE NOTE)
NORMAL FILAMENT VOLTAGE	4 TO 5
NORMAL PLATE VOLTAGE AS AMPLIFIER	200 TO 300 (SEE NOTE)
NORMAL PLATE VOLTAGE AS OSCILLATOR	350 (SEE NOTE)
NORMAL GRID VOLTAGE AS AMPLIFIER	-10 TO -20 (SEE NOTE)
NORMAL PLATE CURRENT	15 TO 30 MILLIAMPERES
PLATE TO FILAMENT IMPEDANCE	3000 TO 4500 OHMS
AMPLIFICATION CONSTANT	6 TO 7.5
MAXIMUM SAFE PLATE VOLTAGE	350 (SEE NOTE)
MAXIMUM CONTINUOUS PLATE WATTS	15
MAXIMUM INTERMITTENT PLATE WATTS	20
WATTS OUTPUT AS AN OSCILLATOR	5

NOTE:—AN INCREASE OF 10% IN THE FILAMENT CURRENT MAY CAUSE AS MUCH AS 50% DECREASE IN THE USEFUL LIFE. FOR MAXIMUM LIFE, THEREFORE, THE CURRENT SHOULD BE KEPT AS LOW AS POSSIBLE TO SECURE THE DESIRED OUTPUT. THE PLATE AND GRID VOLTAGES SHOULD BE SUCH THAT THE STEADY PLATE CURRENT DOES NOT EXCEED APPROXIMATELY 30 MILLIAMPERES.

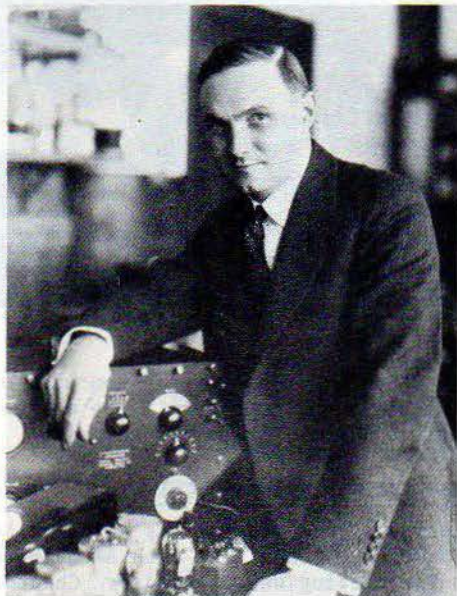
--W5EJ

QCWA NEWS

JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

IN A LETTER FROM STEPHANIE MEIER...

Mrs. George D. Meier, née Stephanie Grebe, has written a nice letter and has provided us with the fine picture of her Father, Alfred Grebe. This is the picture recently presented by her son, Chip, to the Antique Wireless Association. It is a fine likeness and we are proud to have it for QCWA.



ALFRED HENRY GREBE
circa 1925

Born, Richmond Hill, NY, Apr. 4, 1895
Passed away October 24, 1935, at New York, NY.

Stephanie sent a document we had not seen previously, and of particular interest at this time...With the World Administrative Radio Conference scheduled soon, we are reminded that Amateurs have always had to fight for the right to their hobby. The letter proves Al Grebe was a fighter for the Amateur, as well as a superb professional. We'll print it in the Spring!

The letter, undated, was written about 1919 and apparently was sent to the families of all amateurs having a mailing address on record.

It was this letter, together with a tremendous effort exerted by the ARRL and other interested people that gave us our amateur privileges again following WW-I.

For those of you privileged to know George & Stephanie Meier, they indicate that they are doing well, their son "Chip" is attending Purdue!

We are hoping for additional material of interest to all of us who remember those times a half-century ago when name Grebe stood at the apex of the art of Communications.

THE SAN DIEGO CHAPTER

Si Morrison, W6OSD, Secretary of the Chapter produced a fine Newsletter in which he discussed all of the points of interest in the recent ARRL/QCWA Convention. It is not often that one will find such a fine gang of people, every one of which seems bent on making your visit to their City and Convention a memorable one. To those of us who had never met John Griggs, or Bernie, or Si, or so many others that we have known of, written to, or just heard of, the Convention offered the opportunity to get acquainted. And, in passing...it's been said many times but never enough...Conventions don't happen...somebody works and prays for the result we who attend see. Please let the boys know of your appreciation for their work!

Through the efforts of Si Morrison & his friend Paul Hower, QCWA will soon have QSL cards personalized for us. We have struggled with this for a year without success...when Paul took hold it now appears that the matter will soon be concluded. Preliminary samples are shown in this issue of the News.

We noted that Fran Scott, YF of Geo. Scott, W6QJQ and Helen Bilodeau, that pretty lady who lives with Romeo both underwent surgery recently and we now believe both are OK.

As we write this, the Chapter's Nov. 12 meeting at Caesars Mission Valley Restaurant has just been concluded...wish we could have been there. And, again, thanks Gang, you were wonderful!

-W5EJ-

RAZORBACK CHAPTER

The Razorback Chapter held its fall meeting on October 14, at the Wild Boar Inn, at Fairfield bay. Twenty members and wives were in attendance.

Mrs. Medine Watson, who is associated with the Little Rock Office of the Lions Club Eye & Kidney Bank, made a presentation of a slide program showing how the Eyebank works, and stressed the activities of radio amateurs in moving the vital organs to those needing them.

Four new directors for the Chapter were elected:

W5VOJ; K5BP; W5SOL; W5VCC

Officers elected for the coming year were:

Leland Smith, W5KL, Chairman

Bob Townsend, W5MYZ, Vice-Chm.

Pat Pattee, W5POH, Scty/Trs.

The meeting was chaired by W5KL.

-W5POH

METRO CHAPTER

David Winter, W2AUF, Secretary, sent a fine report on the November meeting of the Chapter, held at Luchow's with the Radio Club of America. Nat, '2AIM presiding.

44 members and guests were present... At the head table were; Clarence Seid W2KW, J. Poppele, Frank Gunther, past President of QCWA and Radio Club.... Joseph Milgram seaker for the meeting and Nat Pfeffer, W2AIM, Chairman. In addition, Fred Ling, W2ALU, President of the RC ofA, Henry Paulisen, W2AQ, Engineer in Charge FCC, NY and Dudley Phelps, W2QU, Vice Chairman.

W2SF and W2AVI were appointed as nominating Committee to propose candidates for election of Officers 1979..

K2GZ was not present due to a broken leg.

The speaker, Joseph Milgram, Pres. of the Morse Telegraph Club of NY, gave an interesting talk on the long search for rapid communications.

W2AUF

TYLER CHAPTER QCWA

The Tyler Chapter is operating it's on-the-air net at a different time & frequency than formerly used...You'll find us on 3935, at 0800 CST, following the Dallas Chapter's net. Try to check in.

The Chapter has informal meetings on Monday, Wednesday and Friday, each day, at 11:30AM at the International House of Pancakes across from Broadway Mall....Friday evening a bunch gets together at Wyatt's for dinner.. Everyone is welcome!

The Tyler Chapter has worked for the National QCWA this year, acting as tellers for the balloting on Constitutional changes in QCWA. Chairman of the Tellers Committee is Ed Serur, W5CNO. Balloting has been light, but never-the-less, it was quite a job!

-W5IZU-

MEORIAL

JOSEPH H. RUSSELL, W6ZU...a member of the Central Valley Chapter QCWA, passed away September 28, 1978. Joe was engaged in farming both before and after a career in the Navy. Suffering a stroke nearly a year ago, he was almost completely paralyzed, but managed to checkin to the CVRC 2 mtr net by keying his transmitter on and off-to spell out "Hi." A true ham, we'll all miss his friendly smile.

W6BYH

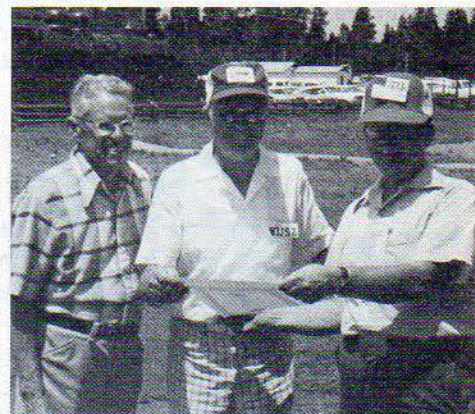
ON MARRIAGE: Living through Hell together is infinitely better than living in Heaven alone.

SILENT KEYS

W1BM	Homer E. Nichols	W6BYZ	Joe R. Atienza
W1KJ	Charles G. McAuley	W6CJY	Dr. Jack Vogelmann
W2AB	Lawrence LeKashman	K6CP	Dr. Fred W. Schubert
W2DNE	Frank J. North	K6DI	H. A. Rogers
W2JUV	Edward Wozniak	W6FD	William F. Johnston
W2LEZ	Thomas A. Doddridge	W6FLD	Irving Jacobson
W2PWZ	H. V. Smith	W6IDU	Robert S. Lunbeck
W3NM	Edwin M. Callender	W6LNZ	Ross R. Grover
W3KPI	Carlton L. Williams	W6OCT	William L. Beck
W3KTN	Lester H. Veiock	K6SA	William W. Briare
W4AQT	J. P. McCullin	W6TEN	Kenneth M. Rude
K4CDX	William R. Atkinson	W6WKO	Ralph A. Gowling
K4HLH	Helen C. Morse	W6ZU	Joseph H. Russell
W4HWZ	Oran C. Zaebsst	W7JG	D. G. Kohler
K4JOK	William S. Lawson	K7NOA	Georgianna F. Mezey
WB4JAI	Roland M. Fennimore	W8HHQ	Henry B. Wurth, Sr.
K4CQ	Don W. Daymon	W0CRY	James W. Fowley
W4ZJ	Harris F. Lund	W0ESN	Warren E. McFadden
K5ET	James F. Manship	W0MU	Kent Ravenscroft
W5FEL	O. H. 'Obie' Richards	W0RX	Rex G. Howell
W5PJ	Dr. S. Peterson	DL3VR	Heinz Behrens
W5TVH	W. L. Gabbert		

ARIZONA CHAPTER HAPPENINGS:

In the picture below, L-R are Gene Traber, W7GX, Vice Chairman; Byron Ballou, W7JSZ, recipient of the Fifty Year Continuously Licensed Certificate and Shep Shepherd, W7GYX, Chairman of the Chapter.



SUGGESTION: Don't expect too much of the other guy. After all, he may be only a little bit better than you!

WISCONSIN CHAPTER

Fred A. Inn, W9NZF, Secretary of the Chapter, sent in a fine report on activities. The October meeting was held at Lake Delton, with 85 members and guests on hand taking part in festivities. The meeting featured election of Officers and Directors as follows:

Gordon Fedder, W9YFW, President
 Les Miller, W9OFL, Vice President
 Jack Krause, W9JK, Treasurer
 Fred Linn, W9NZF, Secretary

Reno Goetsch, W9NA, George Toppe, W9QFL and Harvard Hamer, K9YHO will serve as Directors. The next meeting is planned for June 16, 1979, at the Red Carpet Inn, to be held in conjunction with the ARRL Convention, Milwaukee.

Fred mentioned that the Wisconsin Chapter holds meetings across the state, rather than just in the more populous sections...a really fine way to do the job! The picture below, taken by El Belanger, W9MDG, shows, L-R: standing Jack Krause, W9JK, Fred Linn, W9NZF, Reno Goetsch, W9NA, Gordon Fedder, W9YFW & Harv Hamer, K9YHO. Those sitting are, L-R; Travis Baird, W9VQD and Les Miller, W9OFL.



NORTHERN VIRGINIA CHAPTER QCWA

The 4th quarter meeting of the Chapter was held Nov 14 at the Cedar Inn Restaurant, Vienna, VA, with 34 members and guests present. The meeting was chaired by Chapter President Bill Miller, K4MM.

Golden Anniversary Awards for 54 and 52 years service were made to Emerson Mehrling, W4NH and Harry McConaghy, W3SW. Awards were made by Ethel Smith, National Scty... Ethel presented highlights of the San Diego Convention.. Other comments concerned current balloting - net directory yearbook - Hot Line Report - 1979 National meeting at Chicago, September 7-9 - the eager beaver reporting & discussions on the nominating committee for Area Director for 1979. Bill Grenfel, W4GF, gave the latest status on Commission actions regarding WARC-79. Other subjects included info on upgrading call-signs and auto-patch discussions.

John O'Connell, W3DAL provided an interesting description of a proposed USAID short-wave BC facility in Kathmandu, to provide school instruction into remote areas in Nepal.

Vic Clark, W4KFC, guest speaker provided an informative and interesting slide presentation on his travels during the past year or so in Region II, including the special IARU conference in Panama and the Region III Conference in Bangkok. Pictures were shown of the 4U1ITU low-power equipment being operated by Dave Sumner, K1ZZ.

Ethel Smith discussed the Project Goodwill and its relationship to WARC-79. She suggested that Chapters donate funds to provide a receiver/transmitter unit - \$50, needed for each one. President Bill Miller suggested that the Chapter donate \$50. The action was unanimously approved by the members, with endorsement given by members to the ARRL Foundations, etc.

President Miller announced the next meeting to be on the second Tuesday of February, 1979. Election of Officers to be carried out at that time...a nominating committee consisted of Messrs Grenfel, Mehrling & Redington.

A STORY OF INTERNATIONAL FELLOWSHIP

The following story, written by Ed Sommerfield, W2FJT, following a trip to Europe. We thought you'd enjoy his adventure!

I have always had the warm feeling that as a member of the amateur fraternity I would never be without friends. No where has this been made more evident than when Susan, my wife, and I, on a trip to West Germany to visit our children, attended "Ham Radio 78" at the IBO MESSE held at Friedrichshafen on the Bodensee. We speak, for all practical purposes, no German.

We arrived at Friedrichshafen exhausted from a cartrip where we were lost more times than I can recount. As we were checking into the Hotel Buchhorner Hof, I noticed a 75 meter whip and introduced myself to DL3HG, Herby. From that point on, Susan and I felt the warmth one feels when among friends. Herby introduced us to his wife, Trudy, whose call I have been unable to remember; Gerd, DL3ME & his wife Ulli; Hans, DK4LB and his wife Lilo, DB1LX; and Berno, DD2ZU and his wife Beate; all of whom helped us by speaking excellent english. Susan & Trudy found a bond in that they were both kindergarten school teachers. We enjoyed the dinner at the Hotel so much that Gerd suggested that we remain at the hotel dining room to continue the eyeball QSO's.



Ed and Susan Sommerfield, W2FJT

The next day Gerd acted as our guide for Ham Radio 78, while Susan was entertained by the wives. Gerd & Herby introduced me to the West German Chapter #106, of QCWA.. I recently received a very nice letter from Hans, DL1YA, the Chairman, who asked that they all be remembered to their friends in the U.S., and in invitation to me when Susan and I next return to Germany. We greatly appreciate the welcome the QCWA gave me, Hans!

This story could easily have ended after Friedrichshafen, were it not for the kind invitation of Herby and Trudy to visit with them at München. They took us many places in München & Tölz...this trip to Munich was the high-point of our German trip.

We stopped briefly in Boblingen to visit Knut, DL1ZN, and his wife Urmgard and their 3 children. Knut and his family visited with us many times when they were in U.S.

Susan and I apologize for not being able to accept all the gracious invitations, due to my exhaustion and lack of time to visit with our Children.

As I mentioned at the start of this letter, Ham Radio is a great and warm fraternity.

Ed, W2FJT..

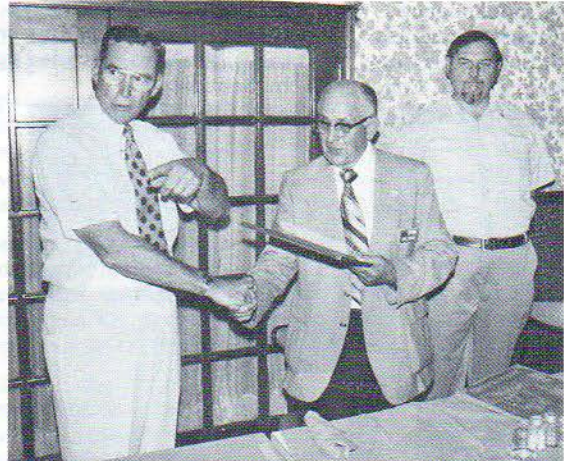
BATON ROUGE CHAPTER

El Charlton, W5MD, sent a report on the Charter Presentation for the Chapter, held on Saturday, September 30.. The meeting, held at Rosedale, Louisiana, was attended by 67 members and guests.

The Chapter, working all out, came into the QCWA family with more than 50 members, and a QCWA banner has already been delivered.

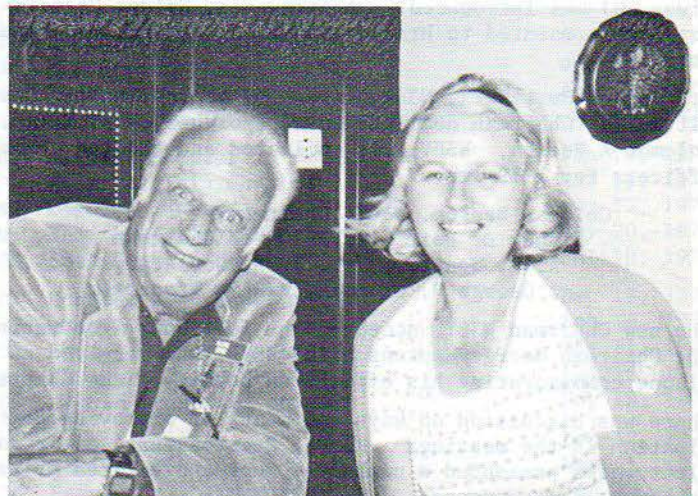
QCWA Vice President, Hal Sears, W5NC, drove to Rosedale to make the Presentation and we hear that he made a hit with the gang!

El, W5MD, states that they expect to get a recruiting drive going very soon, and will keep the reports coming. Chapter membership at this moment stands at 61! That's really doing it up fine.



In the picture above, L-R are: El Charlton, W5MD; Hal Sears, W5NC and Al heine, W5OVV.

IT'S THE TIME OF YEAR WHEN YOUR DUES MAY BE DUE AND THIS IS A REMINDER.....LOOK at the mailing label on your QCWA NEWS....On the top line, at the extreme right there will be a series of letters/numbers like - DEC78 - If they say that, it means your dues are paid through December, 1978. DUZRDU, send to QCWA, Inc., 1409 Cooper, Irving, TX 75061 and the amount is \$14 for 3 years!



Gerd and Ulli, DL3ME - Happy People! - just seeing them makes one want to go for a visit.

QCWA NEWS

JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

SAN DIEGO CHAPTER

Si Morrison, W6OSD, wrote a short letter giving us a name for the Hot-Line Report...Sybil Allbright, W6GIC, who is active in the SD area, and is editor of the San Diego Repeater Ass'n paper, SQUELCH TAILS.

New Chapter Officers for 1979 are:

Lyle Fisher, K6NC, President
Earl Burdette, W6YYV, Vice President

Si remarked on the HLR, and thinks that it will serve a very good purpose in getting Chapters and National QCWA together.

KANSAS CHAPTER

The recently formed Kansas Chapter of QCWA held a meeting in Concordia, Kansas on August 12, with 20 members & friends in attendance...the meeting was held during the Kansas-Nebraska Hamfest. President Wilbur Naylor, W0WXY, presided at the business meeting. Members decided to have a "Ham Auction" in Concordia in September.



In the picture above, Harry Legler, W0PB, of Hiawatha, Kansas, at left, receives his Golden Certificate from Wilbur Naylor, W0WXY, President of the Chapter.

DELAWARE VALLEY CHAPTER

The Chapter's most recent meeting, November 11, was held at the Mill Race in Holland, PA. There were 37 members and friends present. New member Ed Madison W4ADG of Toms River, NJ was introduced. A fifty-year Golden Certificate was presented to Bradley Algeo, Jr., W3EM, of Solebury, PA.

Mr. Joseph Hertzberg, N3EA, chosen by the nominating Committee for Chairman declined because of health problems.. Coleman A Beeson, W3EY, was nominated and elected. New Officers for 1979 are:

Coleman Beeson, W3EY, Chairman
Sidney L. Deitz, W2FDE, Vice Chairman
A. G. Wentzel, Jr., W2HX, Secretary
George H. Gierman, W2QLP, Treasurer

The new Chairman W3EY, accepted the fof Hong from retiring Chairman George Hautenschild, W3KD, who received a plaque commemorating his efforts on behalf of the Chapter. There was discussion on ways and means of improving participation in the meetings. W3MFY, Preston Funk, of Trevoe Electronics presented a number of much appreciated prizes to those in attendance.

A blessing and moment of silence was pledged by Reverend Stanely Wagg, W2JBF, in memory of Edwin Callender, who passed away September 17, and Harlan Smith, WA2PWZ, who passed away on October 23, 1978. We shall miss them!

DOGWOOD CHAPTER

Ernie Savage, VE7FB wrote a nice letter on activities and things done in BC during the Summer. At the same time he sent membership applications for QCWA... Dogwood is working to get larger and larger. Auoting, "A supper was held in the interior by Director Al Miller, VE7KC, assisted by Art Spence, VE7DKY. President Max Green VE7DZ made the trip too. Forty-eight enjoyed a smorgasbord. Many were guests and we hope to have some of them becoming a member of the Dogwood Chapter in not to distant a time."

The Chapter's breakfast at the end of the month is always a real bust, with thirty or more enjoying the Saturday breakfast with the girls. The Christmas Party will be at the end of November...actually, plan to have it as a Saturday breakfast (first Saturday of December) and call it our Christmas Breakfast.

We received a copy of the Christmas Party announcement & it should be a fine one...November 24, at COPPER KETTLE, Kingsway at Gladstone, in Vancouver. Wish we could make it! The Breakfast was scheduled for December 2, at the Langley Hotel, 20340 Fraser Highway, in Langley, B. C....

All Chapter members are urged to send their dues as soon as possible.

VE7FB

NORTHERN CALIFORNIA CHAPTER

Russ Estep, W6AUC reports on activities in the NORCAL region. It was noted that three members had been inducted into the Century Club - W6ELW, W6PIX and W6LL. Two members were recently added to the Chapter, B. G. Ryland, WD6DUT and Robert Sarquis, W6KCA, welcome to both. President Wil Miller, K6DZU, extends an invitation to the New Members to take part in the Chapters work, get on the net and offer suggestions which might improve activities for all members. The Directors approved action on 160 meters and urge that members get the ether warmed up in that old favorite band. All Past President and Net Control ops are asked to consider themselves as a part of the directing body and to attend the next Directors meeting, scheduled for January 7.

The next NORCAL event will be the annual luncheon to be held during February, at which time newly elected Officer and Director members will be taking Office.

Russ mentioned that the August picnic, held near Petaluma was well attended, with 40 members having a fine time together.

-W6AUC-

CLEVELAND CHAPTER

Cleveland Chapter held it's annual picnic on July 15, at Horseshoe Lake, in Shaker Heights, Ohio. The outing was enjoyed greatly by the whole gang.



In the picture above, L-R are: Jack Goldfarb, W8WGO, and right behind him (hidden) is Mitch, W8OAR. At the right is Mildred, W8RN's Lady, and toward the rear, Jim Kelly K8BB, Vice President of the Chapter. Pix by W8RN -W8NJF



FLORIDA GATOR CHAPTER

At left, Frank Shannon, Sr., K4GT is presented the Meritorious Award for his many contributions to the radio industry and to Ham Radio. Harry Cole, W4DLL, President of Gator Chapter (left) is making the presentation while Art Monsees, W4BK, Treasurer of QCWA looks on.

Pix by W4DLL xyl

FLORIDA GATOR CHAPTER

The Christmas meeting for the Gators is scheduled December 2....gifts will be exchanged with a \$1.50 limit. We understand the limit was raised due to increased cost of living of 0.01% (according to Washington).

The nominating Committee proposed the following slate of Candidates for 1979:

Harry Cole, W4DLL, President
Lou Weber, K4HWS, Vice President
Eli Nannis, K4JMH, Secretary
Rudy Nelson, K4NR, Treasurer

George McRae, K4TH was appointed luncheon Chairman this year...Duzrdu, mail them to Rudy, as usual.

While in New Jersey a short time ago, I had a very pleasant visit with Ed Madison, K4ADG, a member of Gator Chapter. His address is 407 Cherbourg Str., Toms River, NJ, 08753. Ed would like to make a sked with you...drop him a line and arrange a meeting on the air.

W4VAF

ARIZONA CHAPTER QCWA

The Arizona Chapter's outstanding newsletter reported on election of Officers for the coming year....Those chosen are:

Gene Traber, W7GX, Chairman
Ruby LaRue, W7JZA, Vice Chairman

The members expressed their thanks to Miles Shepherd, W7GYX, for his work. It was noted that membership dues are a bit slow coming in, and members are urged to get back in the fold...the newsletter provides information to more than 80% of the Chapter membership who do not get on the air or participate personally.

The Chapter has worked to get out the vote on the current restructuring balloting in QCWA. We're proud of the 7th district turnout, just wish all districts had responded a bit better.

The Arizona Chapter on-the-air meeting is scheduled for Sunday mornings, 0800 MST, 3892 kHz .. even if you can't check-in, please listen for news and info, as well as to hear your old friends.

-Lucky, K7NTG-

AKRON OHIO QCWA CHAPTER

The Akron Ohio QCWA Chapter quarterly dinner meeting was held on October 26, 1978. 53 were in attendance making an outstanding get-together. Bill Dial, W8BFH and xyl Dorothy provided the entertainment by showing & narrating slide of their trip through Spain. The program was enjoyed by all!

The QCWA Meritorious Award was presented by K8GRO, to Jim Trutko, W8EXI for his contributions to Amateur Radio and to the Akron QCWA activities. New members were welcomed; William Hessler, W8DXT and Charles Roger, W8ZKX.



In the picture above, Chet Rataski, K8GRO presents the QCWA MERITORIOUS AWARD to Jim Trutko, W8EXI. Pix made by Bob Cheppard, W8CGG.

The next dinner meeting for the Chapter, featuring the election of Officers is scheduled for January 25, 1979. The Chapter extends Seasons Greetings to all members!

Men do not stumble over mountains,
but over molehills.

Confucius

DAKOTA CHAPTER

Dell Burner, WØØEL, sent a report on Chapter activities. Officers for the Chapter were elected as follows:

Bert Wick, KØSOE, President
H. B. Burner, WØØEL, Scty.

President Wick is shown immediately below:



The Chapter has been working to get an on-the-air net going each Sunday at 2PM on 3917, with WØØEL acting as net control. All QCWA members are invited to check-in.



In the picture above, meet Dell, who is WØØEL, and secretary of the chapter.

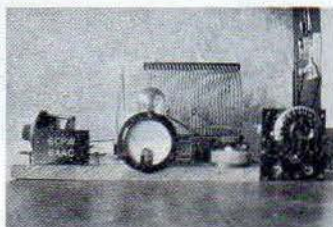
BEAVER STATE CHAPTER reported a fine meeting on October 15, at Eugene with 79 in attendance. All were enthusiastic over the LOGO, the BANNER, and the decoupage of the Charter. Little Beaver is going great guns! W7LVN

ARK-LA-TEX CHAPTER

Joe Barber, WSAXA, Chapter Secretary, sent a letter reporting on the October 24 quarterly meeting, held at Bossier City, Louisiana. The 7PM meeting was attended by 40 members & guests. It was ladies night. The newest Chapter member, Dan P. Barton, WSMJC was introduced. The next meeting is scheduled on January 23, 1979.



Darrell H. Teachout, W6CPW, provided the pictures shown here, of a station, typical of many in the 1924 period. Above, the transmitter, on the table at

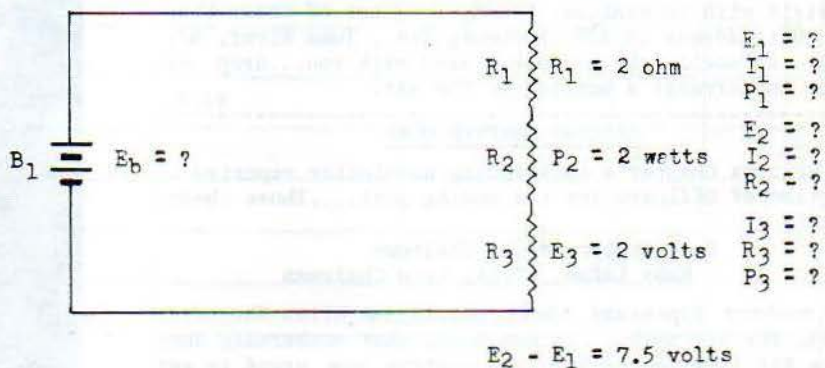


the left, and the three-tube receiver on the shelf. Darrell was licensed 6CPW on Nov. 23, 1924. Quoting, "The transmitter was 10 watts CW & 5 watts phone, using one tube as oscillator and one as modulator. The receiver was 3 tubes with variocouplers & a variable condenser tuning. Used a submarine battery for filaments and a slop jar (lead and zinc) rectifier for the plates. The antenna was a six-wire cage up fifty feet with a six wire counterpoise one foot above the roof. My first DX was 9BPV in Minnesota, the first week of operation. I was just 20 years old, and my first license authorized operation on 150-200, 75-80, 40-43 meters."

The small pix above shows the transmitter, and to the right is a picture of Darrell, taken 54 years ago. He has held the same call since that time, and now lives at 1245 Oak Grove Ave., Burlingame, CA 94010.



Solve for the unknown values as indicated:



For ease of solution assume E_1 has zero internal resistance.

Bill Kline, W9GWD, sent in the problem shown above. It is a good one and I think you'll have to sharpen your pencil twice to get the answers. Note you have completed the problem when you have 10 answers...we'll print the result of the competition in the next NEWS. Meanwhile, why not send your answer to Bill, and he can provide us with a break-down of the results (and the answer to, Hi). Bills address is:

W. W. Kline, W9GWD
1214 Hoefgen Street
Indianapolis, IN 46203

QCWA NEWS

JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

DELAWARE VALLEY CHAPTER

The Chapter held a meeting September 16, at Mill Race, in Holland, PA...40 members and guests were present. A new member, Lawrence Kaczmarczyk, W3UQW, of Mahanoy City, PA. was introduced.

The nominating committee, headed by Walter Carnmer, W2AWR Arthur L. Turner, W2CG, Tom Dix Jr., W3BFH, and Henry Boyd Cowan, W3ZO presented a slate of candidates. Those nominated were: Joseph Hertzberg, N3EA, Chairman; Sidney L. Deitz, W2FDE, Vice Chairman and BB Wentzel, W2HX, for Secretary...BB declined, but will serve until a nominee is named. Nominations can be made from the floor at the November 11 meeting.

George A. Diehl, W2IHA, Vice Director of the Hudson Division of ARRL gave a talk on the Hudson Division Convention to be held the week of November 8.

Sidney Deitz, W2FDE, Chairman for programs, introduced the speaker of the evening Dr. Allen Katz, K2UYH, famous for his moonbounce WAC, who gave a fine story on dish antennas ranging up to his present 20 foot dish.

Many door prizes were donated by Preston Funk, W3MFY, of Trevoze Electronics. The Next meeting is Nov. 11! W2HX

MID-CONTINENT CHAPTER

On November 22, 1978, the Mid-Continent Chapter of QCWA, Kansas City, Mo., held a dinner-business meeting at the Maggie Jones Restaurant. Twenty-three members attended.

Officers for 1979 were elected, as follows:

J. E. Blair, W0JB, President
W. E. Goll, W0DEL, Vice President
R. H. Lanyon, W0RXD, Scty/Treas.

Future activity was discussed. One outstanding and unanswered question was "how do other chapters raise money for continued operations?" This refers to postage costs for mailing, reproduction of notices, envelopes, labels and so forth. We would appreciate any information from those who have solved the problem.

After an excellent dinner and interesting meeting, prizes were given to the winner of the enclosed QCWA Quiz. The winner was W0BTD, and first prize was an RK-65 Tube!

-W0RXD

We're not printing the QUIZ, but it is a good one and would make interesting competition in any meeting--Ed.

Ray Meyers, W6MLZ, President of OOTC, a member of QCWA & a good friend, wrote a short note. It was a pleasure to see Ray in San Diego, if only for a short while. Marge, his Lady was not with him, feeling a bit under the wx... and, after being with Ray on dozens of conventions, she's learned that he's always busy seeing one person or another, and that leaves here alone, which isn't much fun.

OOTC is in the process of getting a new Club Roster. Ray is coordinating the work with Gus, W2JE...remote control makes it a little tough, but they'll get it done.

John Manley, KL7JR, wrote regarding the Northern Lights Chapter Award announced on Page 26, Vol. 27, of QCWA News. Awards are numbered, and No. 1 went to Dick Fox, W7EFS, in Lacombe, Oregon...

The first award was an engraved plaque. Subsequent awards are certificates suitable for framing.

MAY YOU BE BLESSED IN ALL YOU DO IN 1979!

NATIONAL CAPITOL CHAPTER

The National Capitol Chapter ended it's social activities for 1978 with a "mixed" dinner party on November 9. The attendance was 43.

The guest speaker was Mrs. Barbara Humphreys Head of the Canadian Government Inventory of Historic Buildings. Her subject, complete with a slide presentation was "Our Canadian Architectural Heritage". Mrs. Humphreys is herself an architect and it was evident from the number of questions asked that our decision to digress from the usual Amateur Radio business for this "Mixed" meeting was a wise one and a very enjoyable evening was had by all..

Since many of our members head south for the winter to escape the rough Canadian weather, our next meeting will be held in early spring when they return.



In the picture above, a number of attendees, not identified for us here at Headquarters.

Frank Rapp..

NEW ENGLAND QCWA

Plans are being made to try to generate new interest in the NEW ENGLAND QCWA. At a brief meeting of the Chapter, held at the ARRL Convention, Boxborough, Mass., in October, a Committee of, Chick, W1EHS; Onie, W1ZEN & Wes, W4CCW/1, was appointed to work together with Harry, W1DJ, to contact the members in hope of generating new interest, recruiting new members and setting dates for future activities. It is the hope of this Committee, that in the very near future the New England QCWA will become a far more active QCWA group, and that you will hear a lot more from NE.

From God's country the NEC wishes all QCWA members a very Merry Christmas and a Happy New Year.

Harry Wills, W1DJ, Scty.

SOUTHERN CALIFORNIA CHAPTER

Moe Joffe, W6PHE, sent a copy of the Chapter News. Almost as big as the Sunday paper nowadays...A group of Chapter members attended a special meeting of the LA Council of Radio Clubs, hearing Bruce Johnson speak on WARC. A big group of new members to the Chapter have been welcomed: W6BDZ, K6FF, W6FNC, W6GVB, K6HMA, K6 HTI, VE3HW, W6JYS, W6JZA, W8PEY and W6PLL & W6YOL. Some chapters start out with no more than that many, Hi. We noted that the pix taken of the Board, at San Diego was printed...all was OK except that one member was missing, Henry Harley, VE3BR, who had suffered a heart attack shortly before the meet.

It was noted that dues are coming due, and it will sure be appreciated if all members ante up to keep the treasury in good shape. As we sit here in Texas and write, we sure wish we could visit in LA, see the gang and get a deep and satisfying sniff of some good sea-air.

We hear rumors that the Northern Cal Chapter figures it can get a higher total score in the QSO party than SOCAL!

QCWA FEATURE STORY

More than 40 years ago, the FCC authorized Radio Station WLW to make "Super Power" tests in the standard band.... 700 kilocycles, with 500,000 watts of power. Many of us can still remember hearing that wallowing signal when it was still popular to "DX" in the Broadcast Band. In the report below, which appeared in the FCC's First Annual report to the Congress for 1935, is some of the story...

If we're lucky, someone from Cincinnati might give us a couple of pix for the next NEWS...and some story material. meanwhile, we'll divulge some inside dope on why it was deemed best to terminate the tests.

3. OPERATION AT 500 KILOWATTS

On April 17, 1934, the Federal Radio Commission granted station WLW, Cincinnati, Ohio, which operates on the clear channel frequency of 700 kilocycles, special temporary experimental authority to increase power from 50 to 500 kilowatts during the regular broadcast hours of operation. Prior to this time the station had been operated with 500 kilowatts power on 700 kilocycles from 1 to 6 a. m., as an experimental station, using call letters W8XO. This additional authority to WLW was granted in the interest of developing the operation of broadcast stations with higher power in order to determine the interference and the benefits to the public which might result because of better reception generally.

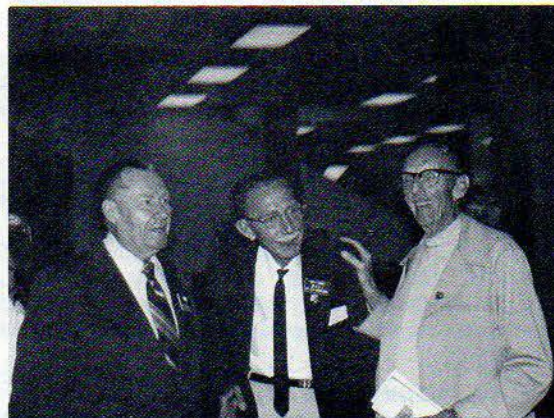
This station was operated with power of 500 kilowatts, using a conventional antenna, until February 11, 1935. The Canadian Radio Broadcasting Commission informed this Commission of interference caused to station CFRB, Toronto, Ontario, which operates on the adjacent channel of 690 kilocycles with a power of 10 kilowatts. On December 21, 1934, the Commission adopted a minute specifying that upon expiration of the outstanding authority it would not be renewed except that the application for extension must be based upon 500 kilowatts operation during daytime and 50 kilowatts operation during nighttime or 500 kilowatts at night using a directional antenna such that the signal in the Niagara Falls-New York area (nearest area to Toronto over which this Commission has jurisdiction) would not be greater than delivered by 50-kilowatt conventional antenna. On January 25, 1935, the Commission denied application for operation with 500 kilowatts at night but granted it for 500 kilowatts during daytime. Subsequently, the licensee applied to the Commission and was granted special temporary experimental authority to install a directional antenna so designed that the effective signals toward station CFRB would be controlled and restricted as required. After erecting the new antenna, surveys to determine its effectiveness were made by the licensee, Canadian authorities, this Commission, and other interested parties. These surveys indicated that the directional antenna was suppressing the signal as required and that the interference to station CFRB was no greater than when station WLW operated with 50 kilowatts conventional antenna. On this basis the Canadian Radio Broadcasting Commission stated it had no objection to the continued operation of WLW with 500 kilowatts at night on an experimental basis.

The effects of the operation with this amount of power have not been fully determined in all respects although sufficient data are available to indicate that the service of the station is greatly improved. Also, the experimental operation being conducted offers a means of further studying the effects and the obtaining of additional data on which to base development of future policy on the operation of clear channel stations with a power in excess of 50 kilowatts.

NORTHERN LIGHTS CHAPTER QCWA

John Manley, KL7JR wrote a short note indicating that his work required him to be out of the State quite often, and as a result John W. McQueen, KL7AVX had accepted responsibility as Secretary for the Chapter. John noted that NORTHERN LIGHTS CHAPTER AWARD, announced (Vol. 27, Page 26) in QCWA NEWS Serial Number 1, had been awarded to Dick Fox, W7EFS....

Since the Award was No. 1, it had been specially prepared and engraved plaque. All other such Awards are to be certificates, suitable for framing. Awards will be numbered serially.



Above, L-R, are: Art Monsees, W4BK, Treasurer of QCWA; Walt Kinney, W4GJ (now deceased) one of the founders of the SE Florida Chapter and, Nat Burnett, K4OL...visiting at the Miami Hamvention, January, 1978

FRANK JACOBS, W2BSL, Wrote a nice letter about the old days - and we have excerpted from it.

The recent story in QCWA NEWS on Grebe was a special joy to me as I lived in Richmond Hills from 1914 to 1963. I received my call, 2BSL, in 1921, at age 14. There were several hams there in 1921, mostly spark, but a few with VT's on CW. The better sparks, owned by wealthy hams--used the Grebe Synchronous Rotary Gap.

In 1921 there were no broadcast stations, the 1st voice I heard was late in 1922 when AT & T experimented on the Jersey Shore. In those days, Al Grebe worked from his father's barn and employed less than six people. He used to throw pieces of bakelite on a pile outside the barn.. local hams would retrieve it to build crystal detectors. That was all needed to hear the rock-crushers....but by 1923 we needed regenerative receivers for CW, and moved to 100 meters to work F8AB and other overseas hams.

It is hard to explain the difficulty of getting parts in those days..fahnestock clips, headphones and bulk galena was about all was available. Magnet wire came from door bell buzzers.

It was hard to get money for investment in wireless..the banks always follow the pack, and the demand did not develop until "broadcasting" became country-wide. I think that the Grebe building was built about 1925. The first CBS station, WABC) formerly Al Grebe's WAHG, was located in the Jamaica Bay marshes...Bill Paley was said to have paid \$100,000 for it...considered a bad deal at the time.

I remember Doug Rigney very well because in 1942 we were rooming together while working for the Signal Corps, at Ft. Monmouth. I also saw Earl Dannals, 2GG, often when he would drop in at my own little plant around 1935-1940 at Richmond Hill. I started Radio Transceiver Labs in 1934, following an article I had written on 5 meters for QST. John DiBlasi, W2FX, came in every month representing Jim Millen and others...and twice a year, the call-book owner and founder, Charlie Simpson, called to get ads for his publication. Can you imagine? coming from Chicago to get a 1/8 page ad?

We want to thank Frank for writing, providing a view of days long past when men and women whose names later became world reknown were building the foundations for a great electronic and communications industry. -W5EJ-

CHECK YOUR MAILING LABEL, FRONT COVER--IF IT HAS DEC78 OR EARLIER ON THE TOP LINE, YOUR DUZRDU...\$14 FOR 3 YRS!

QCWA NEWS

JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

QCWADS

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No special layouts, all copy is re-typed by Headquarters. Time permitting, proof copies will be mailed before publication. One column inch refers to original copy, which will reduce to three quarters of an inch in the NEWS

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3	\$7.00	\$17.50

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Marv Mahre, W0GMI, 2095 Prosperity Avenue, St. Paul, MN 55109

AM LOOKING FOR MARTIN PELKA, Was licensed as late as 1970 in W6 district—if you have any info contact N7WT, 2835 East Pershing Phoenix, Arizona 85032

IT'S A SHAME YOUR AD ISN'T HERE

HOW ABOUT IT?

QCWA, INC.
1409 Cooper Dr
Irving, Tx

CENTRAL FLORIDA CHAPTER

Bob, W4NY, Chm wrote that things were a bit slow due to so many being away, but with winter coming on, it would pick up considerable. It was reported that Chapter Scty Braxton, had resigned due to illness, and his position was filled by Chas. Chapman.

Stark Totman, W4YB had suffered a heart attack but was on the mend and expected back for the Nov. meeting.

-W4NY

QCWA SUPPLIES

The following supplies may be purchased by QCWA Members:

QCWA Lapel Pin, Gold Plated, with call engraved. Oclutch pin, pin clasp, or screw button type)	\$3.50
QCWA Lapel Pin, 50-year, clutch type only	\$4.50
QCWA Lapel Pin, 60-year, clutch type only	\$4.50
Blazer Emblem. 3 x 4 inch, embroidered	\$3.50
500 Red QCWA stamps, regular membership	\$1.75
500 Gold QCWA stamps, Life membership	\$2.50
240 Yellow, 50 years in Amateur Radio	\$2.00
QCWA Logo on rubber stamp	\$3.50
QCWA Automobile decal	\$0.50
25 QCWA 2" pin buttons, blue on yellow	\$8.75
Chapter Banners, 30 x 48 inch, Storm King Cotton, (80.00 cost shared equally with QCWA)	\$40.00

Chapters attaining 50 or more members will receive a banner at no cost, upon application

QCWA Headquarters
1409 Cooper Drive
Irving, Tx 75061

Date _____

Please send the following QCWA supplies, as indicated below:

_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____

Send to _____ Name _____ Call _____ QCWA # _____

Address _____ City _____ State _____ Zip _____

Signed _____

Note that supplies cannot be issued to ineligible members, that is, the 50-year pins can only be issued to members who have been awarded the 50-year Golden Certificate, and so forth.

THE CIA DOESN'T HAVE TO FERRET OUT THE AMOUNT OF QCWA MEMBERSHIP DUES

14

14 DOES IT FOR 3...\$14 FOR A THREE YEAR RENEWAL!

MAIL TO:

QCWA, INC.
1409 COOPER DRIVE
Irving, TX 75061

NEBRASKA CHAPTER

The sixth annual meeting was held on Nov 4; with 34 in attendance. President W0AP presided over election for officers, 1979. Thoses elected were:

W0AP, President; W0US, Vice Pres;
W0FQB, Scty; W0VYX, Treasurer.
Directors were: W0ELT, W0MW,
W0GEQ, W0GHM, W0JUL and W0KY.

A letter from Director Meyerson was read concerning QCWA Scholarships....
-W0GFQ..

QCWA MEMBERSHIP

Applicants for QCWA membership must have held an amateur license at least 25 years ago, and must at the time of applying, hold a valid Amateur license. It is not necessary to have been licensed the entire 25 years. Proof of eligibility must be given. Headquarters has a library of callbooks from the old times that can be used in most cases. A request for information will bring a prompt return letter!

An entry fee of \$3 is charged for initial membership, this plus dues in the amount of \$14 for three years are payable in advance with ones application. Life membership may be obtained for \$70, plus the \$3 entry fee. Time payment of life membership fees is available; three payments to be completed in one year, of \$35, 20 and 15 respectively. Upon completion of the payment of the fee, Life Membership Certificate and membership card is sent.

CERTIFICATES

MEMBERSHIP CERTIFICATES, numbered in serial order, are issued to each member. The numbers are never re-issued, except to the same one to whom they were first issued, and then only in the event of lapsed membership. Blue certificates and membership cards going to regular members with Gold certificates and membership cards being issued to Life Members. In the event a certificate is to be replaced, a charge of \$1.00 is made.

GOLDEN ANNIVERSARY certificates are issued upon application, and proof of eligibility. Those having 50 or more years in Amateur Radio are qualified. Endorsement stickers for each 2-year interval over the basic fifty years are available from Chapter Secretaries.

QCWA CENTURY CLUB CERTIFICATE, is a new Award voted by the Board of Directors in February, 1978. Eligibility is based upon a members age plus his years in QCWA (in good standing) being equal to 100 or more. Proof of eligibility must be established by the applicant. Age

by copy of drivers license, etc., with Headquarters to attest to years in good standing.

50 YEARS CONTINUOUSLY LICENSED CERTIFICATION is issued to QCWA members whose calls appear in call books since 1928. There is a charge of \$1 for the Certificate. It must be applied for with proof of eligibility supplied.

60th ANNIVERSARY CERTIFICATION is issued to those QCWA members who have completed 60 years as a licensed Radio Amateur. Proof of such licensing is required. Endorsements may be obtained at 2-year intervals. 1912 is the first year considered as Amateur licensing.

ALL OF THE ABOVE LISTED CERTIFICATES ARE ISSUED BY THE HEADQUARTERS OFFICE. APPLICATION BLANKS ARE AVAILABLE FOR THE ASKING, AND A SELF-ADDRESSED, STAMPED ENVELOPE WOULD BE APPRECIATED.

OPERATING AWARD CERTIFICATES

QCWA OPERATING AWARD CERTIFICATES ARE ISSUED TO QCWA MEMBERS BY THE OPERATING ACTIVITIES MANAGER, M. W. McRae, W9RC. PROOF OF ELIGIBILITY IS REQUIRED.

QCWA WORKED 50 STATES CERTIFICATES are issued to QCWA members who have contacted members in each of the states. Applications must be accompanied by proof.

QCWA WORKED 100 MEMBER CERTIFICATES are issued by the Operating Activities Manager upon proof of eligibility.

QCWA WORKED 60 CHAPTER CERTIFICATES are issued by the Operating Activities Manager upon proof of eligibility.

QCWA WORKED 500 MEMBER CERTIFICATES are issued by the Operating Activities Manager upon proof of eligibility.

QCWA ANNUAL QSO PARTY. A plaque is issued on behalf of QCWA to the high-scorer in the PARTY. The plaque is inscribed with the name, score and year of winning.

All certificates are numbered serially, with a permanent record kept of those who were honored by the Awards.

ROADRUNNER CHAPTER

The Roadrunner Chapter held a dinner meeting at Erwin's Restaurant in Albuquerque on September 28. William D. Sperry, President presided. Seventeen members and guests were present. The Next meeting is scheduled Dec. 7.

Loyt Lathrop, W5YSK, attended the QCWA National Convention at San Diego, and made personal phone calls to each member of the Chapter urging them to cast their ballot in the Constitutional balloting.

-W5YSK-

BLUE RIDGE CHAPTER

The October meeting of the Blue Ridge Chapter was enjoyable pot-luck luncheon at the Alpine Travel Trailer Park operated by John Backrack, WB4ABW.... John and his wife prepared barbecued chicken for the crowd of 52 who attended. The picnic tables in the recreation area were loaded with good things contributed by all. The Food and sociability were excellent.

W4OZN

REPLACEMENT MEMBERSHIP CERTIFICATES ARE AVAILABLE FROM HEADQUARTERS FOR \$1.00.

REPLACEMENT CHARTER CERTIFICATES, GOLDEN ANNIVERSARY CERTIFICATES AND SO FORTH AT \$1.50

THESE ARE THE APPROXIMATE COST PLUS POSTAGE FEES.

Howard Markwell, W0MT wrote asking if we had ever considered listing all of the Chapter news items alphabetically as well as why we printed the ballots in the newsletter. We sort of figure that if they Chapter items appear at random, you'll have to scan the whole NEWS, Hi...and the ballots were sent in the NEWS to save money...we won't do that again, promise!

QCWA WILL CONDUCT AN ELECTION IN 1979 FOR ALL OFFICERS AND DIRECTORS. NOMINATIONS BY PETITION ARE WELCOMED....

SEE ARTICLE VI, SECTION 4 OF THE BY-LAWS, PAGE 111, this issue!



In the picture above, Ralph and Rita Hasslinger, W2CVF, of Glen Rock, N.J.

Ralph is one of the founding Charter members of QCWA. Rita is an understanding Lady, who knows when the men go down-stairs to talk, it might be pretty late before everyone leaves!

Maroon Bells Peaks, Colorado — In ETO's "back yard."



ALPHA

Sure you can buy a cheaper linear . . . But is that really what you want?

You can buy a so-called "maximum legal power" linear for quite a bit less than the price of an ALPHA. What makes the ALPHA worth more . . . or the other model less?

TALK TO AN ALPHA OWNER — Notice how scarce used ALPHA's are? Owners are rarely willing to part with them, and will be delighted to tell you why.

CHECK ETO's TWO-YEAR (limited) WARRANTY — Others give you 90 days. But **EIGHT TIMES** as much protection is only part of the ALPHA warranty story: there's also a clear message about durability.

NO ALPHA 76/374/77D OWNER HAS EVER BURNED UP A POWER TRANSFORMER, despite our No Time Limit (NTL), full power key down rating. Maybe it's because our '76A transformer is nearly **TWICE** the size

of those in competitive desk-top amplifiers and is cooled by ETO's full-cabinet, ducted-air system to boot.

LOOK INSIDE AN ALPHA — the difference in quality and ruggedness is conspicuous. *Big* coils . . . axial-flow ceramic triodes thoroughly cooled by a centrifugal blower . . . yet ETO's new acoustic-isolation blower system makes the ALPHA 76A series now even quieter than ever before.

EFFICIENCY, versatility, ease of operation, resale value — the story of ALPHA superiority goes on. Before you decide on a new linear, get all the details from your dealer or ETO direct. And ask for our free guide, *"Everything You Always Wanted to Know About (Comparing) Linears . . . But Didn't Know Whom to Ask."* Finally, do talk to an ALPHA owner . . . look for him on top of the nearest pile-up.

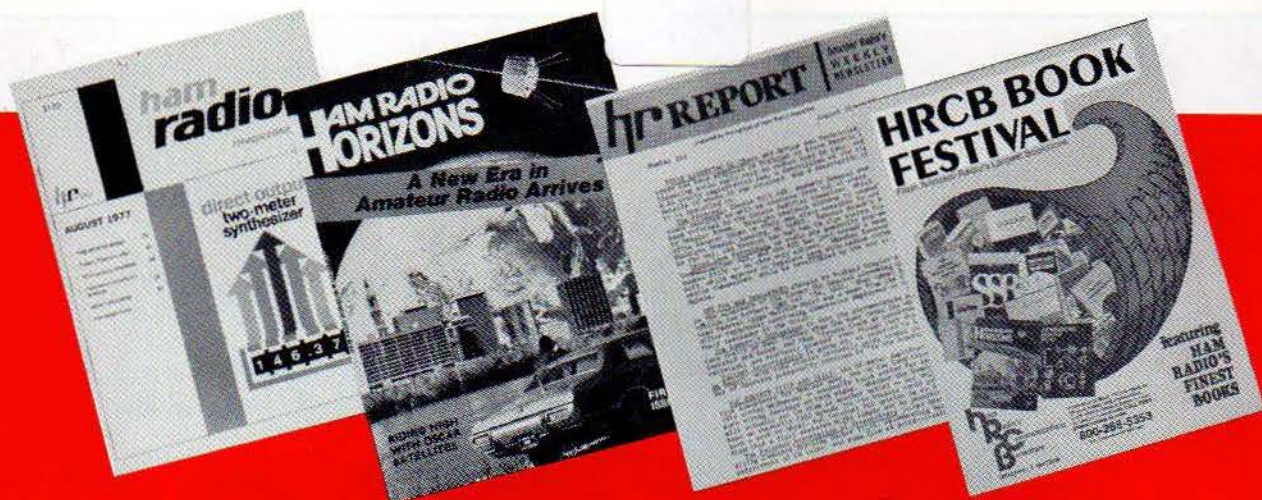


ALPHA/VOMAX can boost the "talk power" of any rig up to ten times or more. The new SBP-4 split band speech processor uses the only system more effective than rf clipping — AND distortion is extremely low so your voice sounds natural. Under tough conditions VOMAX can help as much as most linears. Combine VOMAX with a good linear and WOW! It's simple to install and operate with any rig.



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